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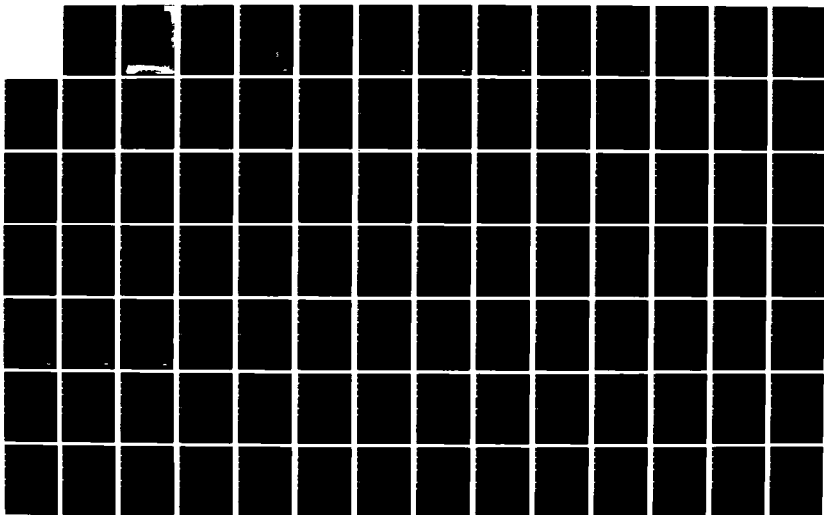
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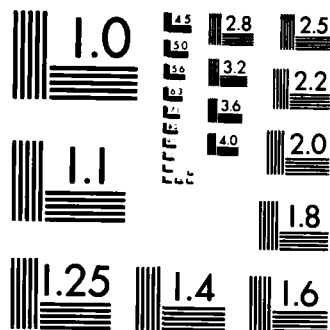
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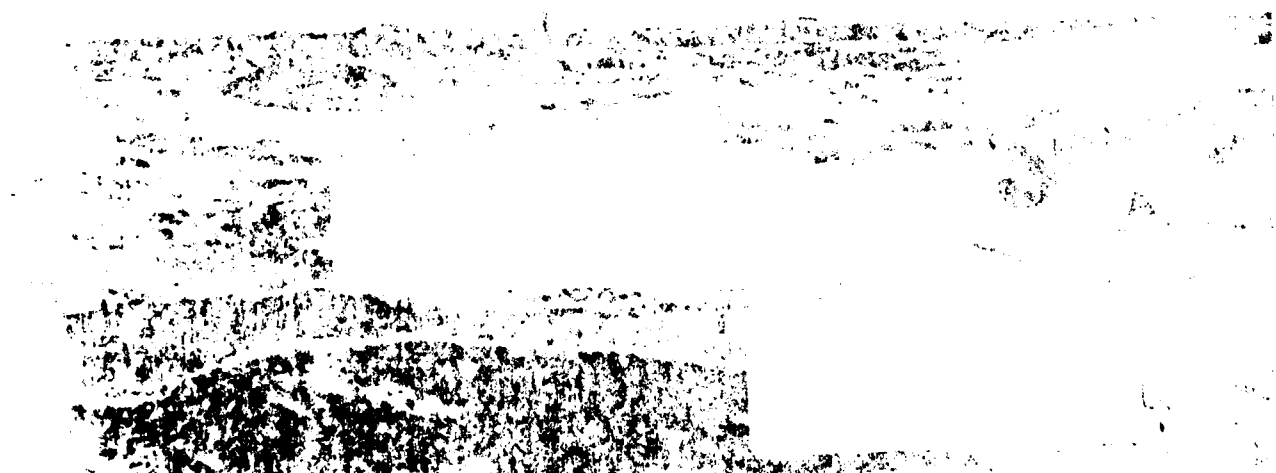
**A Study of Sea Ice
Kinematics and Their
Relationships to Arctic
Ambient Noise**

**Part 3
Section 1 - Ambient Noise**

**Part 3
Section 2 - Ambient Noise**

Science Applications International Corp.

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A STUDY OF SEA ICE KINEMATICS
AND THEIR RELATIONSHIPS
TO ARCTIC AMBIENT NOISE

PART 3, SECTION 1 - AMBIENT NOISE

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER SAIC - 85/1950	2. GOVT ACCESSION NO. AD-A165304	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) A Study of Sea Ice Kinematics and Their Relationships to Arctic Ambient Noise		5. TYPE OF REPORT & PERIOD COVERED Final Report March 1985-February 1986
		6. PERFORMING ORG. REPORT NUMBER SAIC 1-425-07-356-10
7. AUTHOR(s) James K. Lewis Warren W. Denner		8. CONTRACT OR GRANT NUMBER(s) N00014-85-C-0531
9. PERFORMING ORGANIZATION NAME AND ADDRESS Science Applications International Corporation 1304 Deacon College Station, Texas 77840		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Office of Naval Research Department of the Navy Arlington, Virginia 22217		12. REPORT DATE February 1986
		13. NUMBER OF PAGES 770
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		16a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) sea ice processes arctic ambient noise Lagrangian data ice kinematics thermal cracking		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report details the kinematic analysis of sea ice motion data collected during the Arctic Ice Dynamics Joint Experiment (AIDJEX) in the Beaufort Sea. In addition, relationships between the ice kinematic parameters and associated ambient noise are presented. These relationships were determined by an extensive correlation process between the noise and ice motion time histories. Time scales of the various modes of ice motion were calculated by season. Also, seasonal time and space scales were calculated for ambient noise at 10 Hz, 32 Hz, and 1000 Hz.		

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Appendix A

Seasonal Arctic Ambient Noise
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This appendix presents the plots of some of the temporal variations of the AIDJEX 10 Hz, 32 Hz, and 1000 Hz ambient noise signals (at 3 hr intervals). Plots are presented for each station at which noise data were available. One month of data is plotted, and each season is represented:

Summer - noise data from August 1975,
Fall - noise data from November 1975,
winter - noise data from February 1976, and
Spring - noise data from May 1976.

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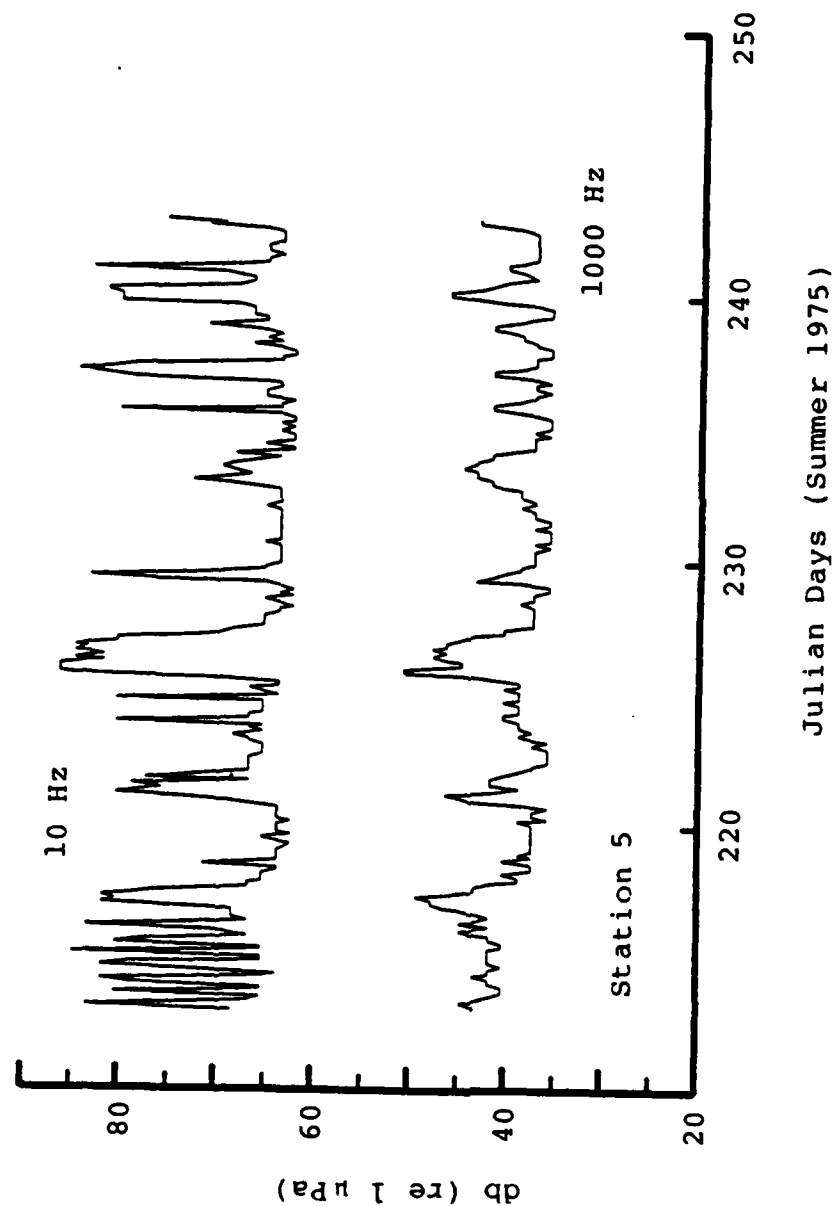


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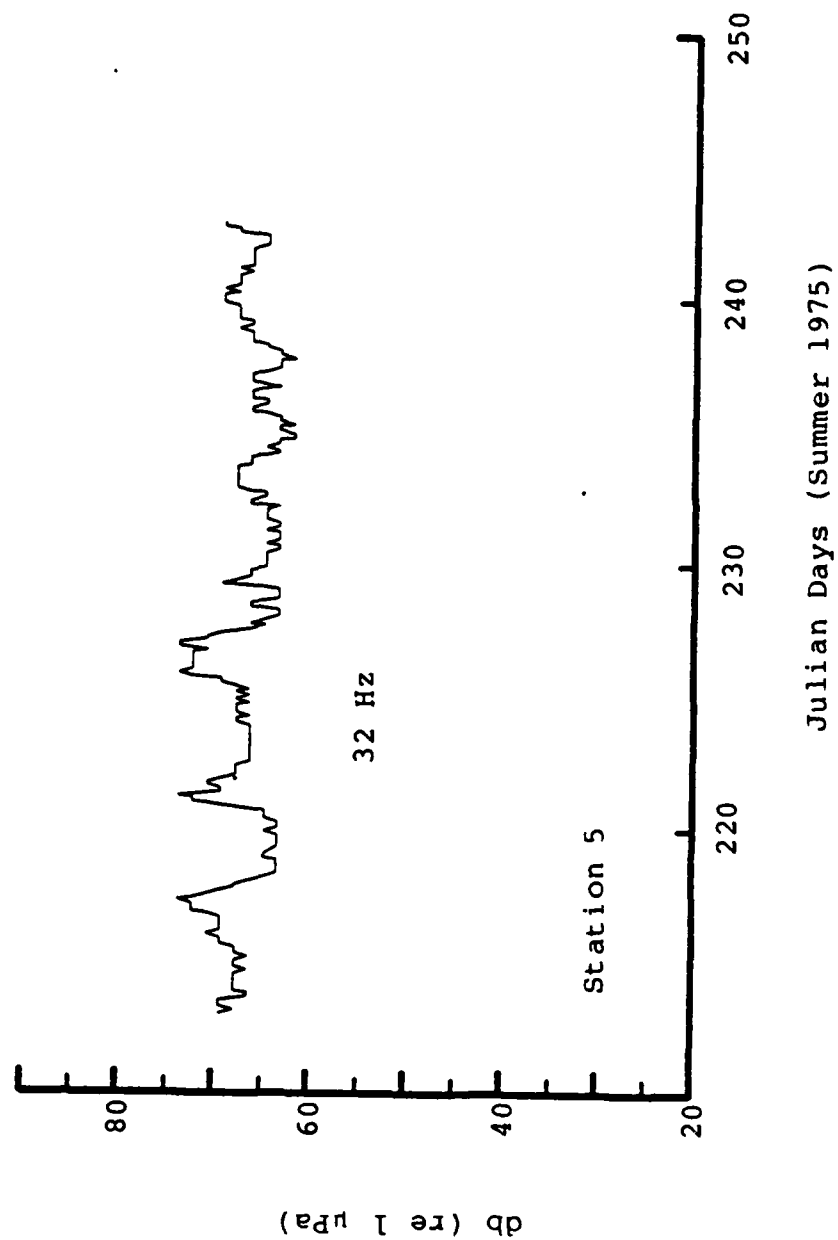


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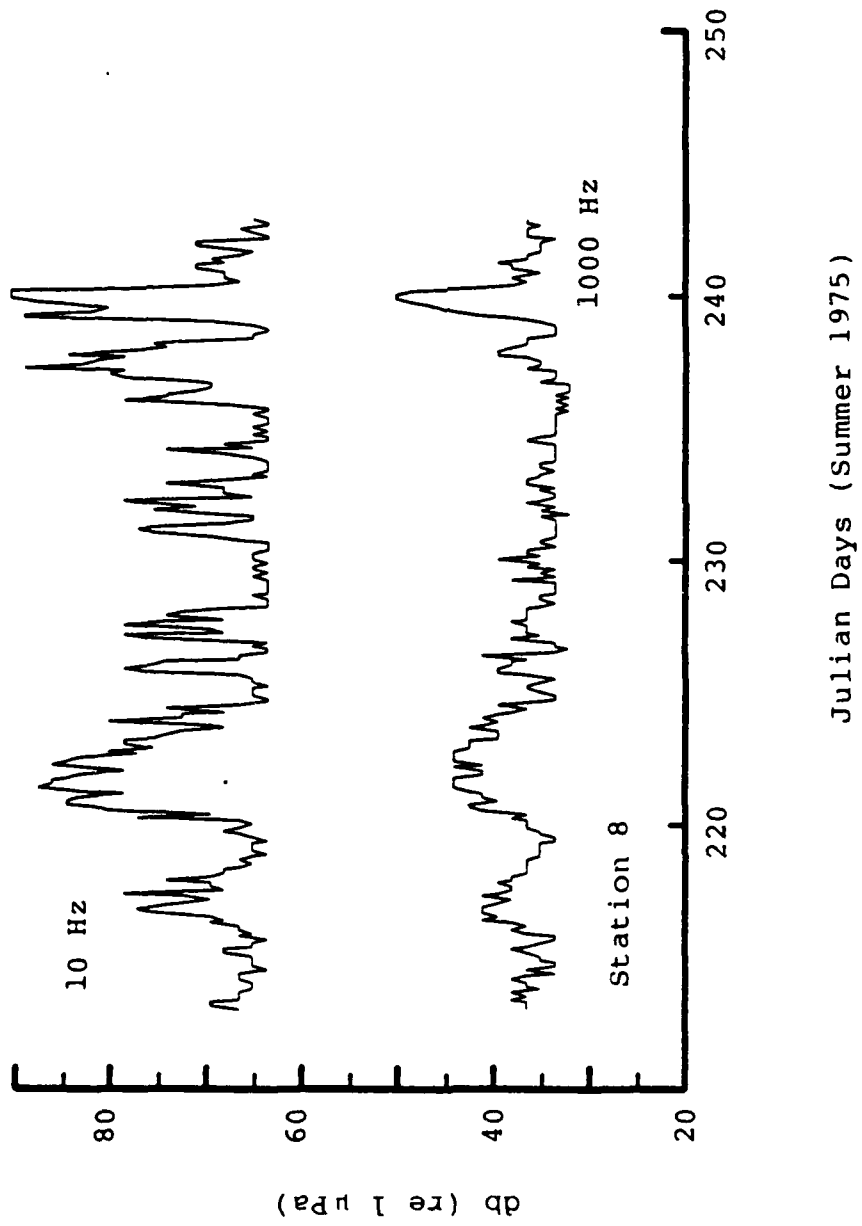


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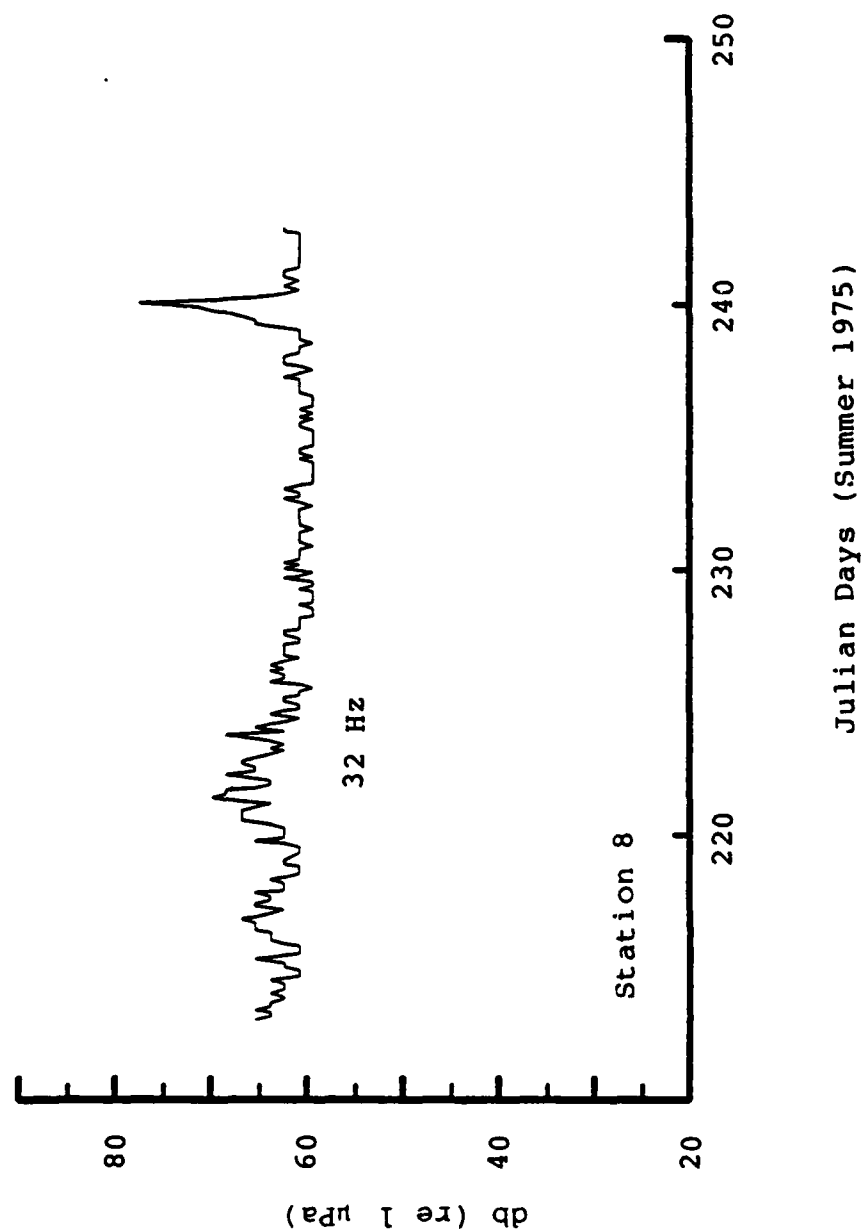
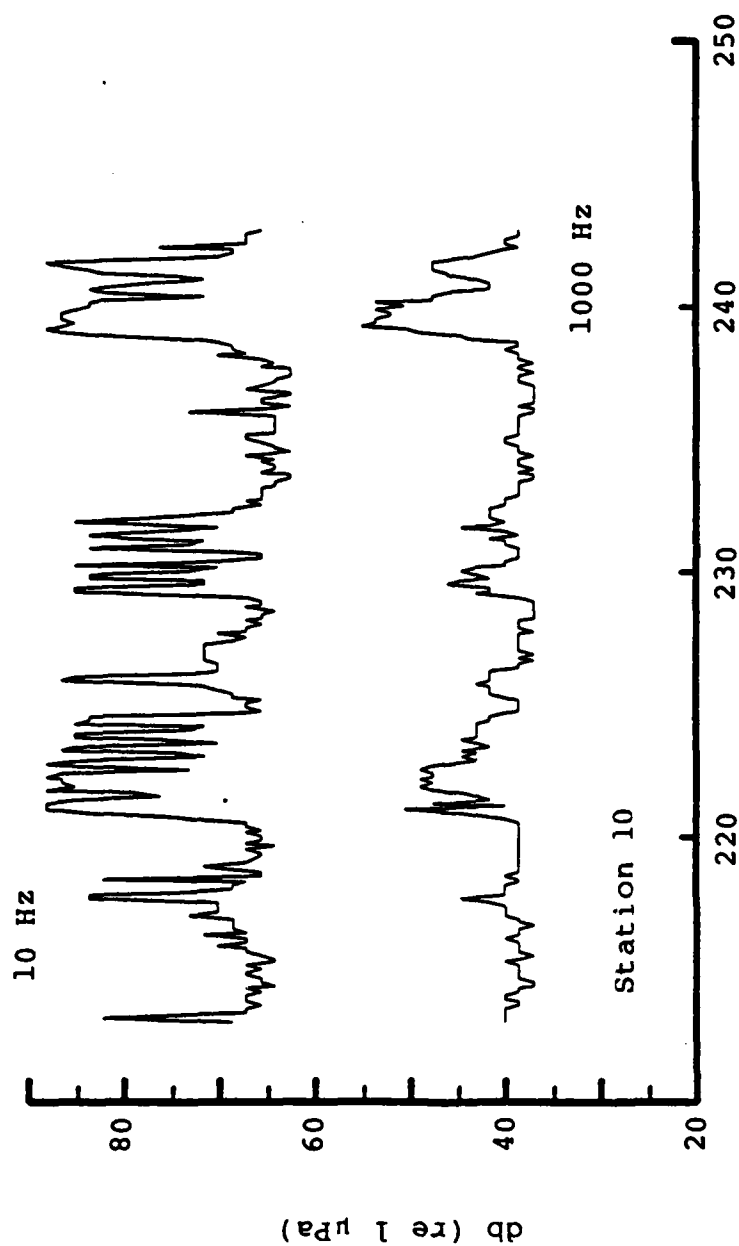


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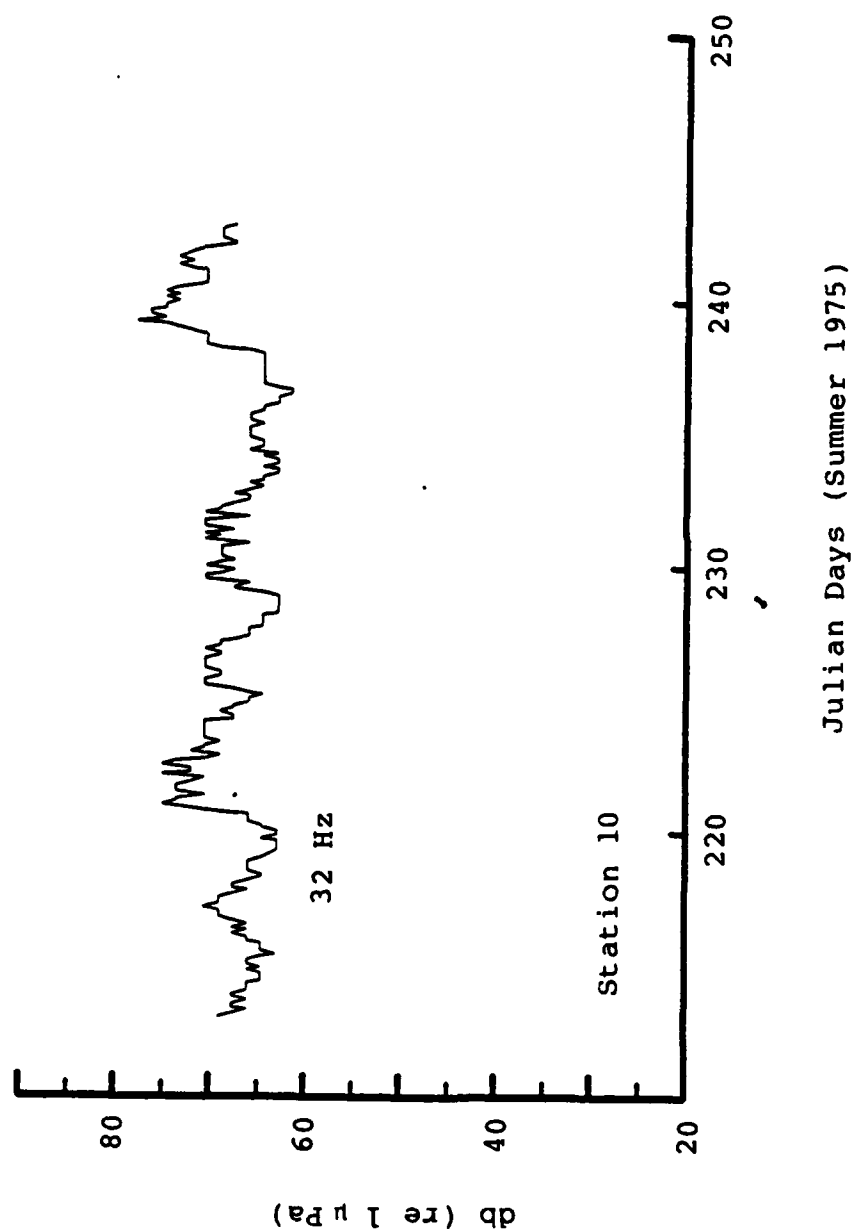


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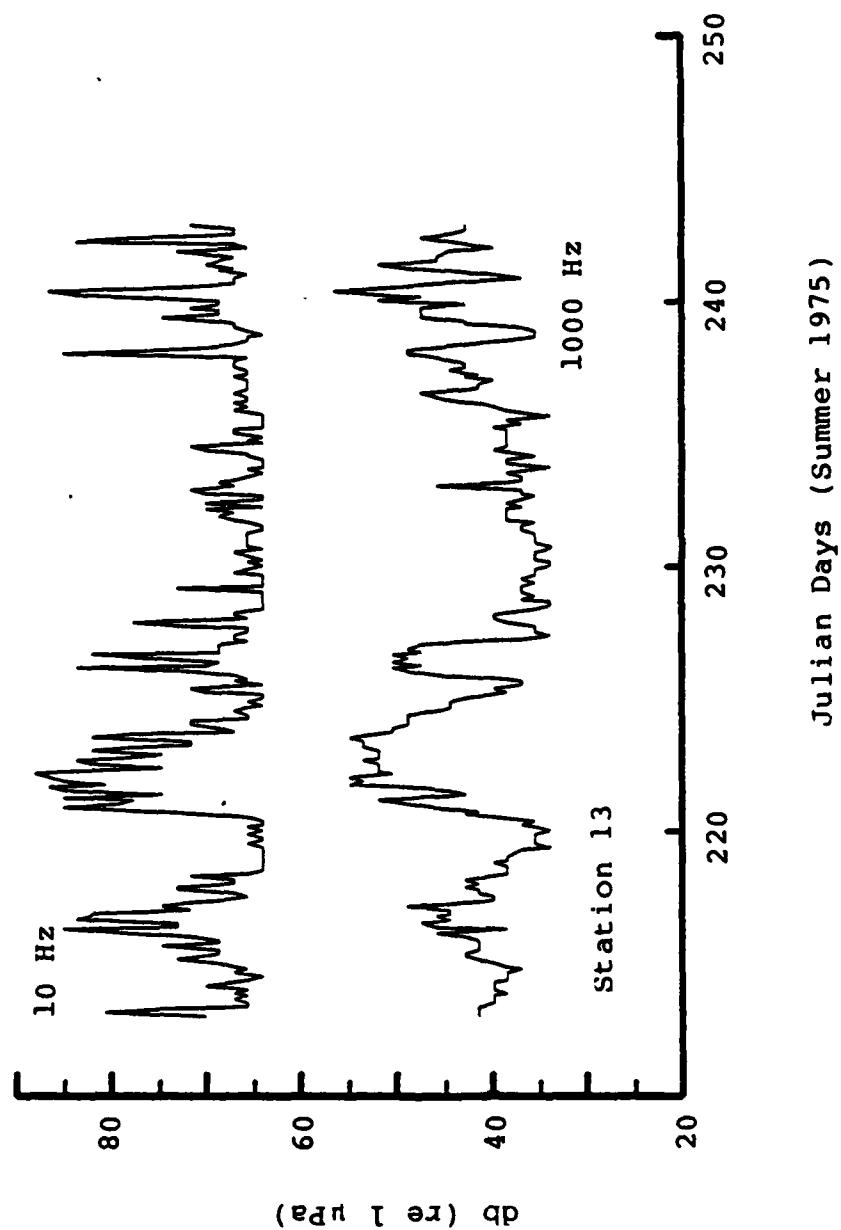


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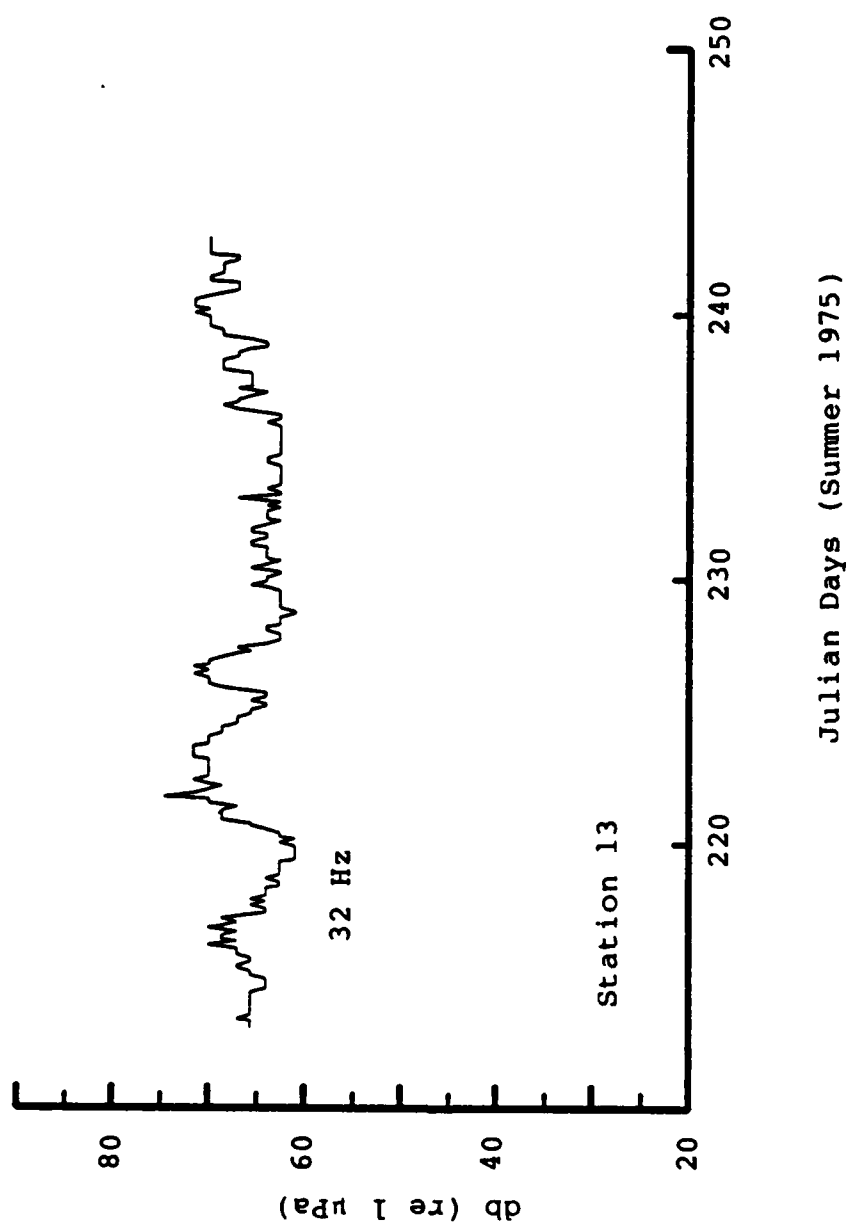


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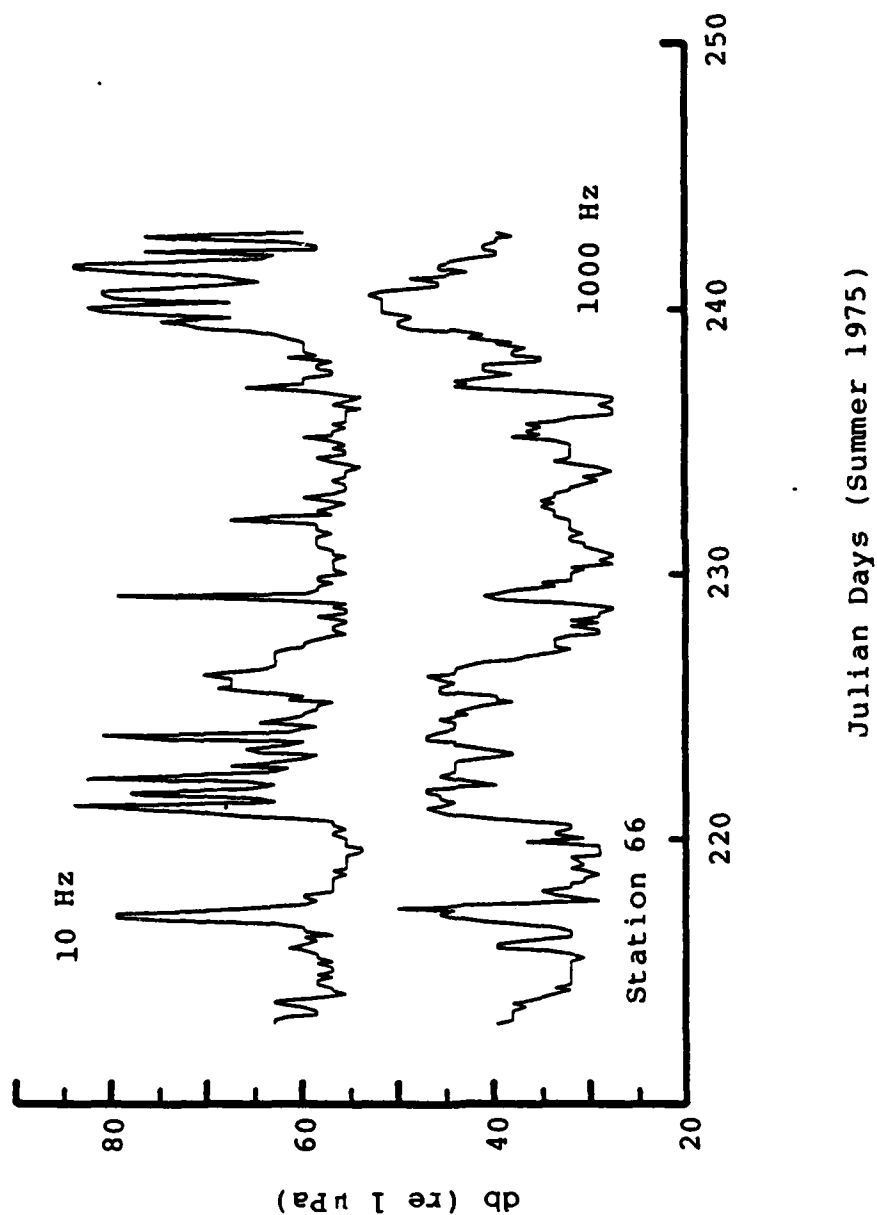


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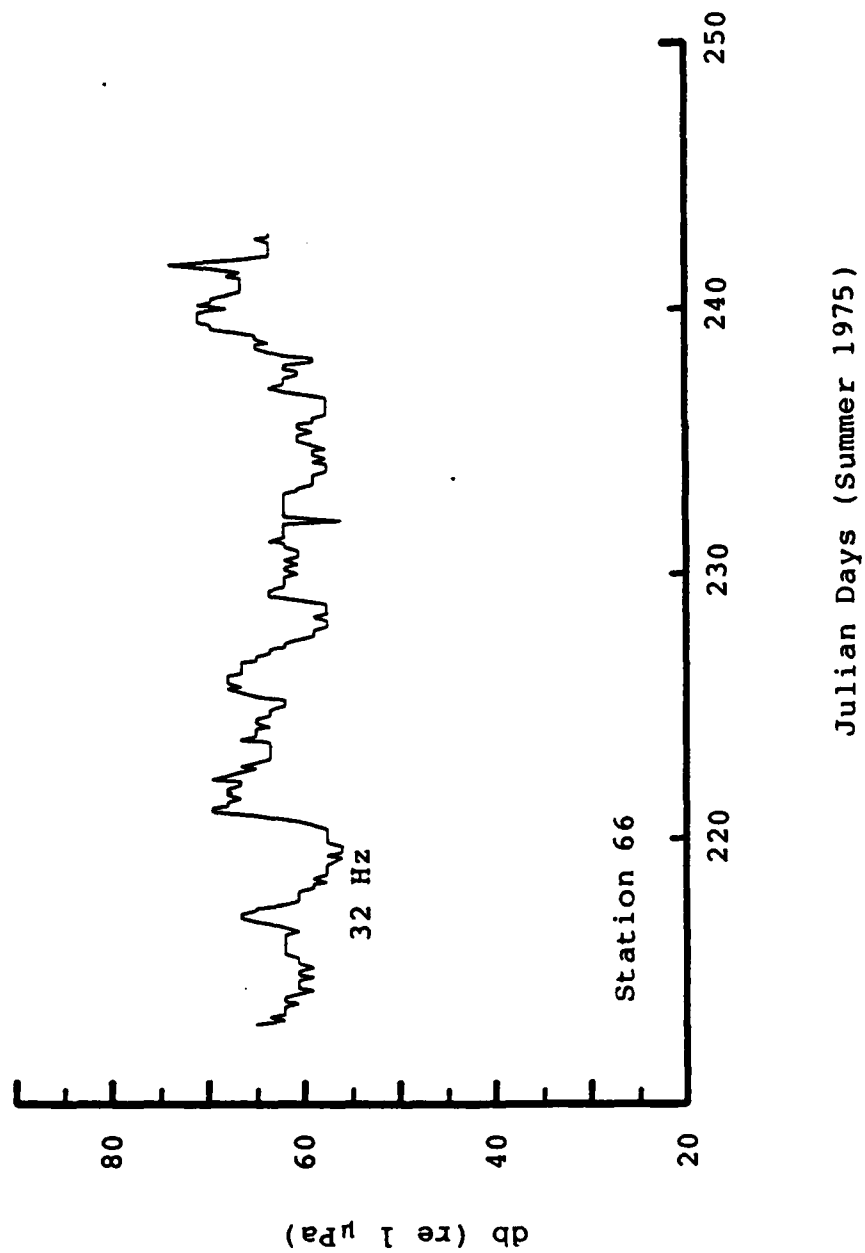


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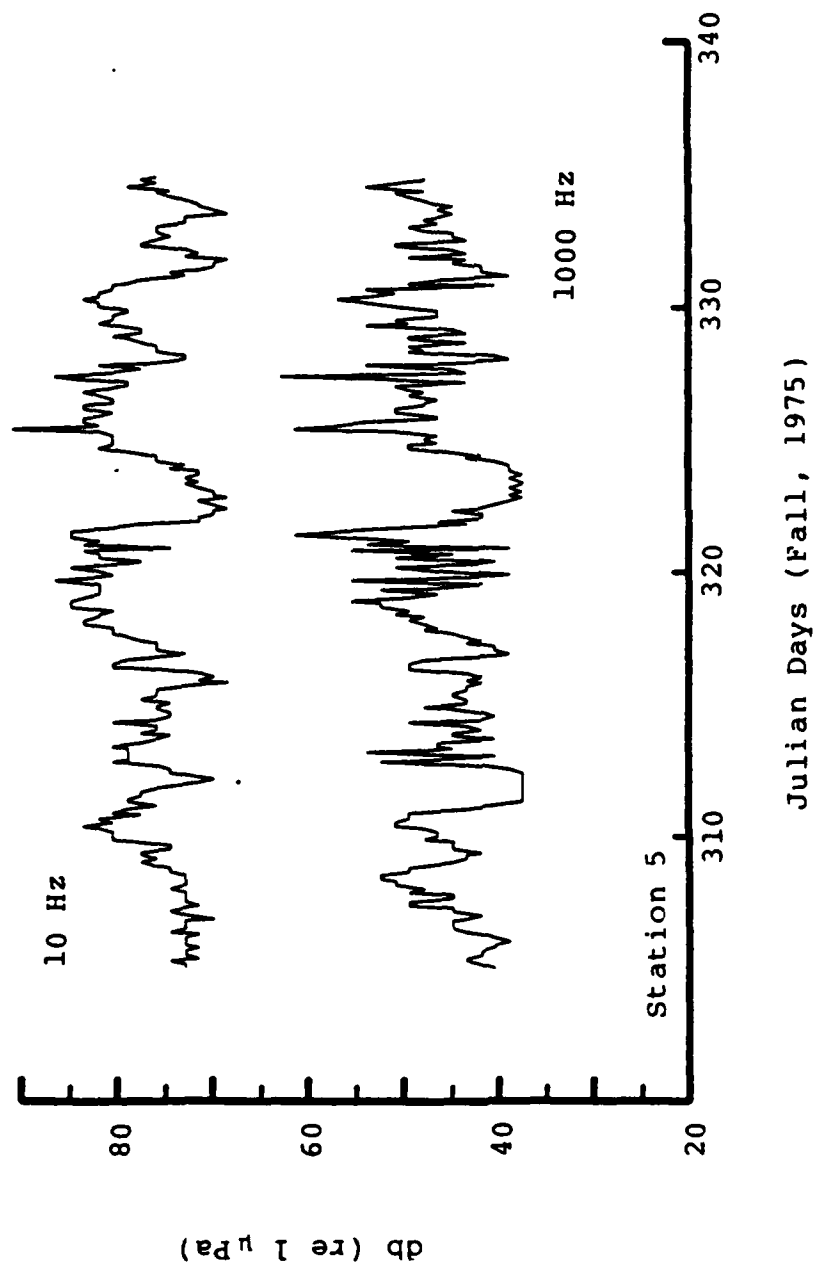


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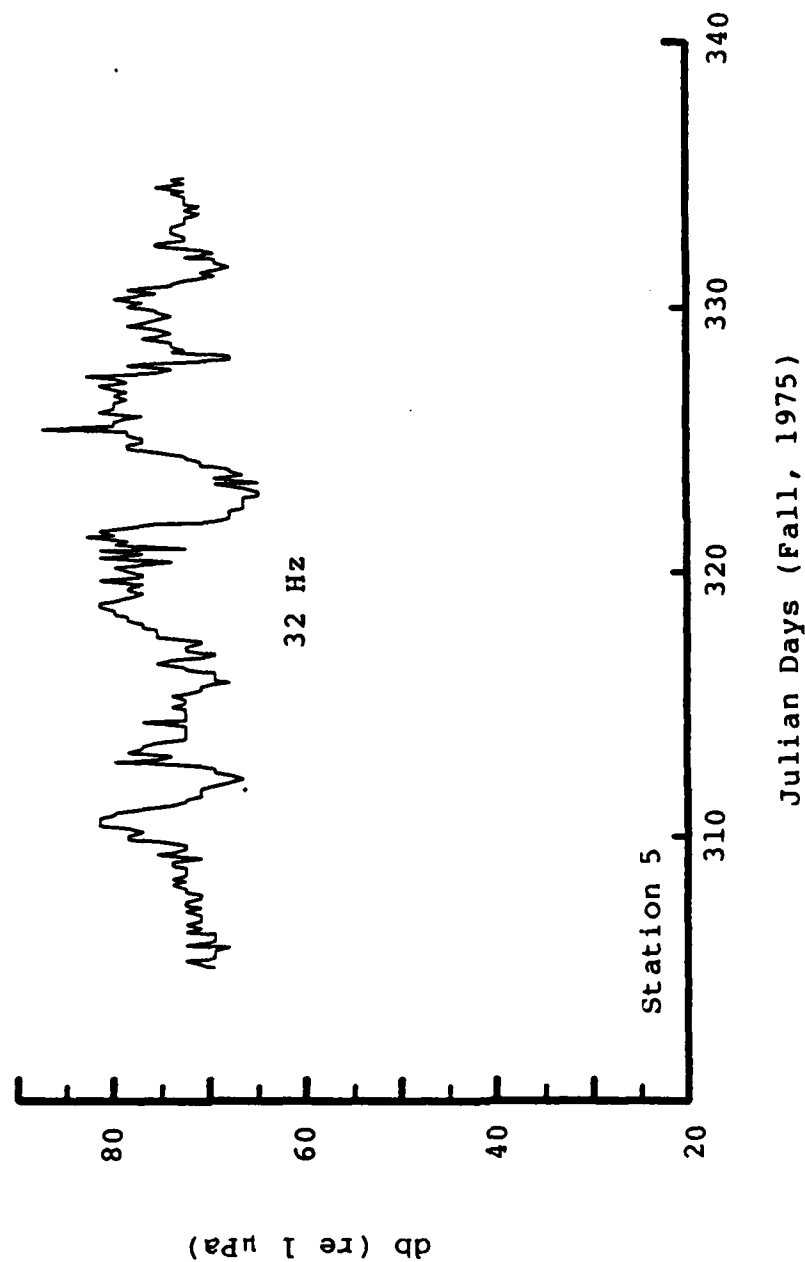


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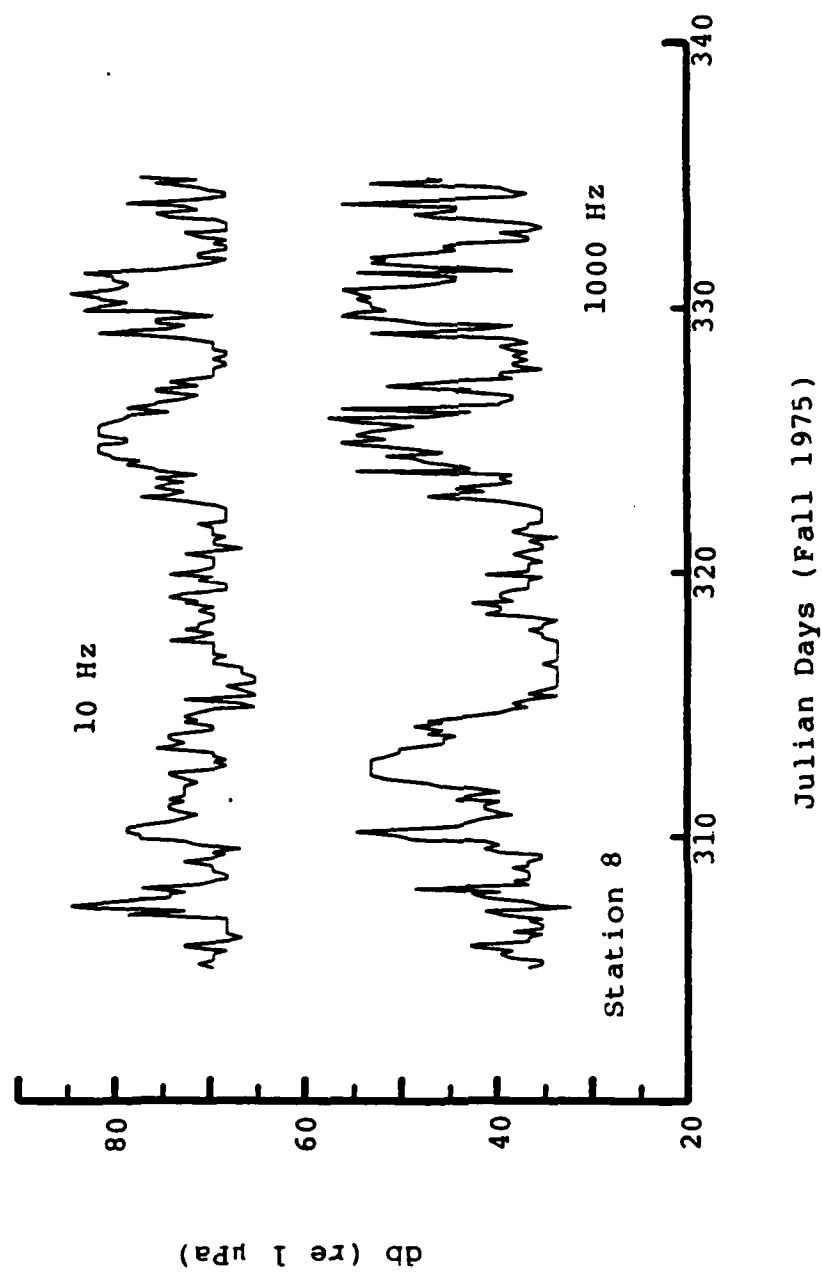


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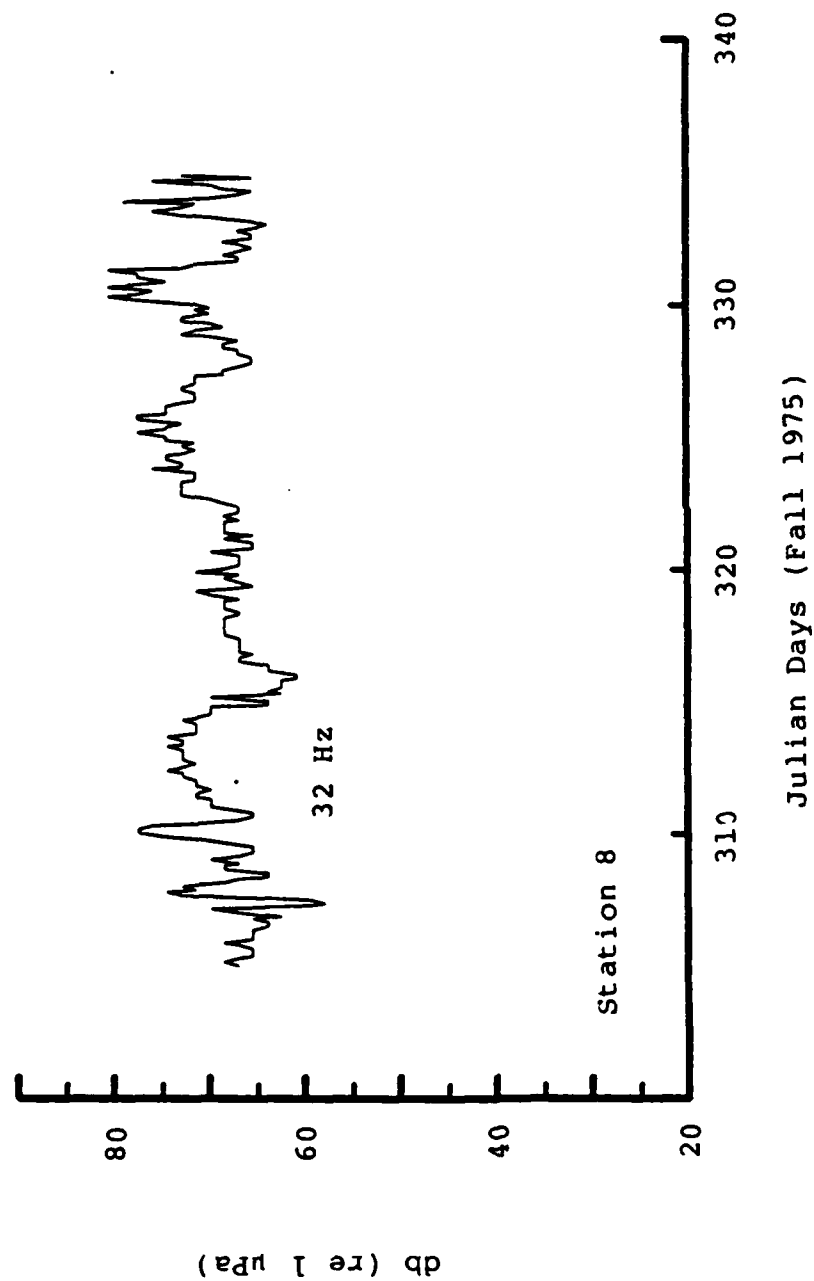


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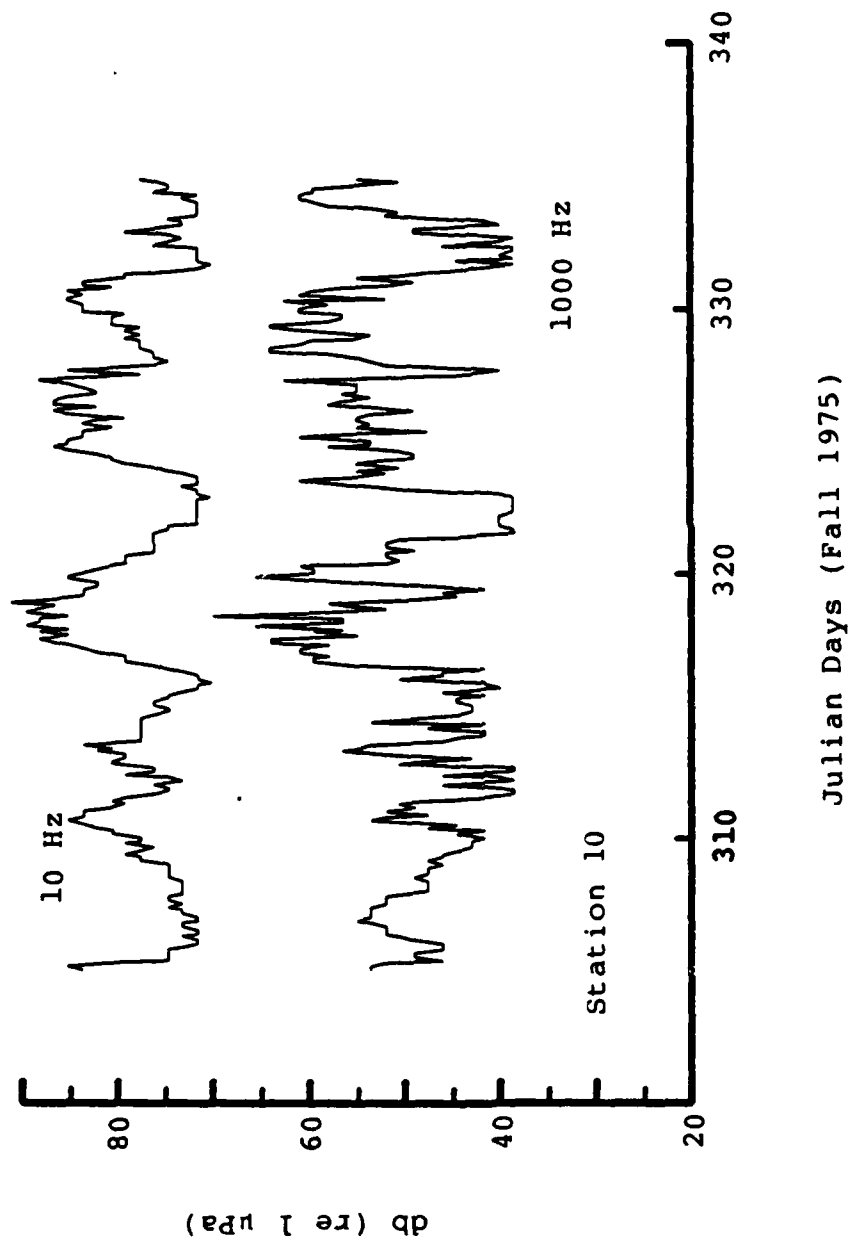


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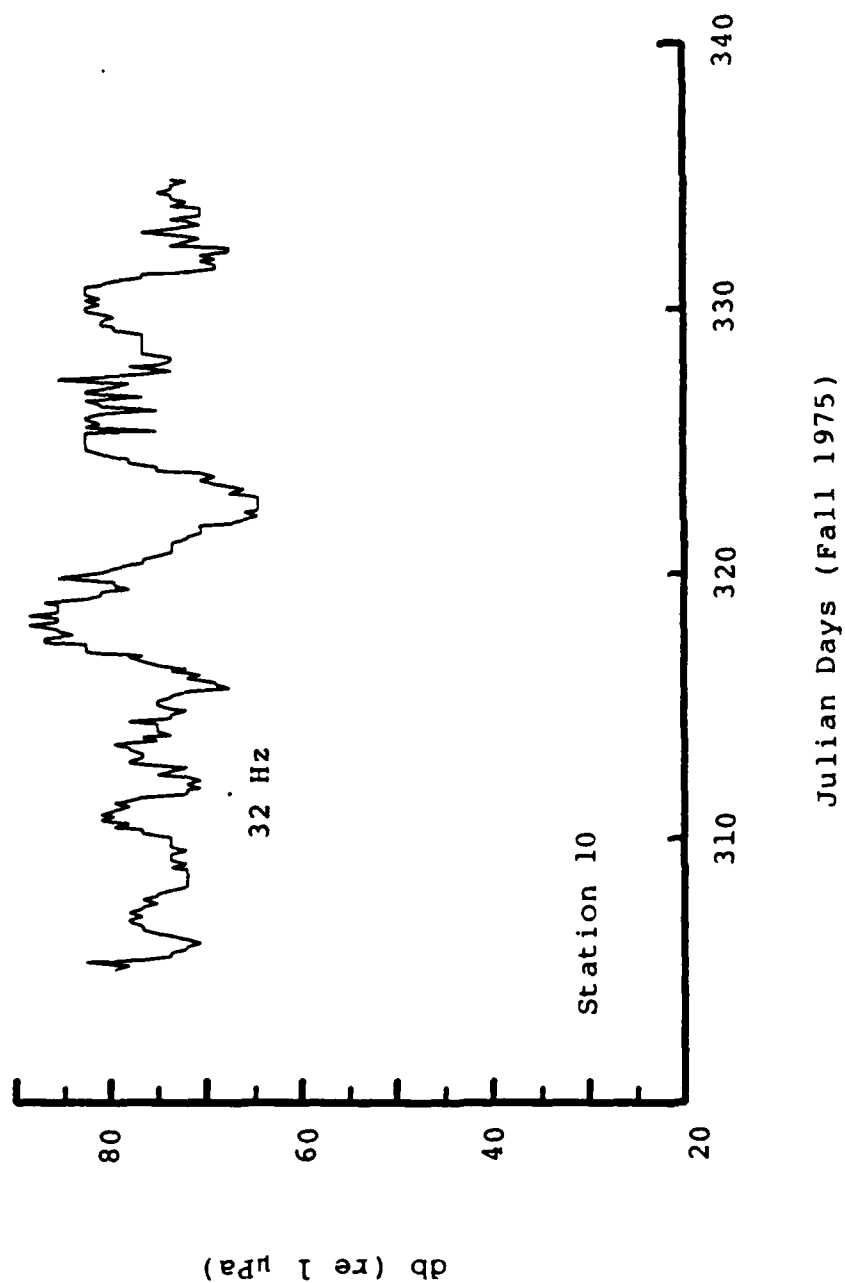


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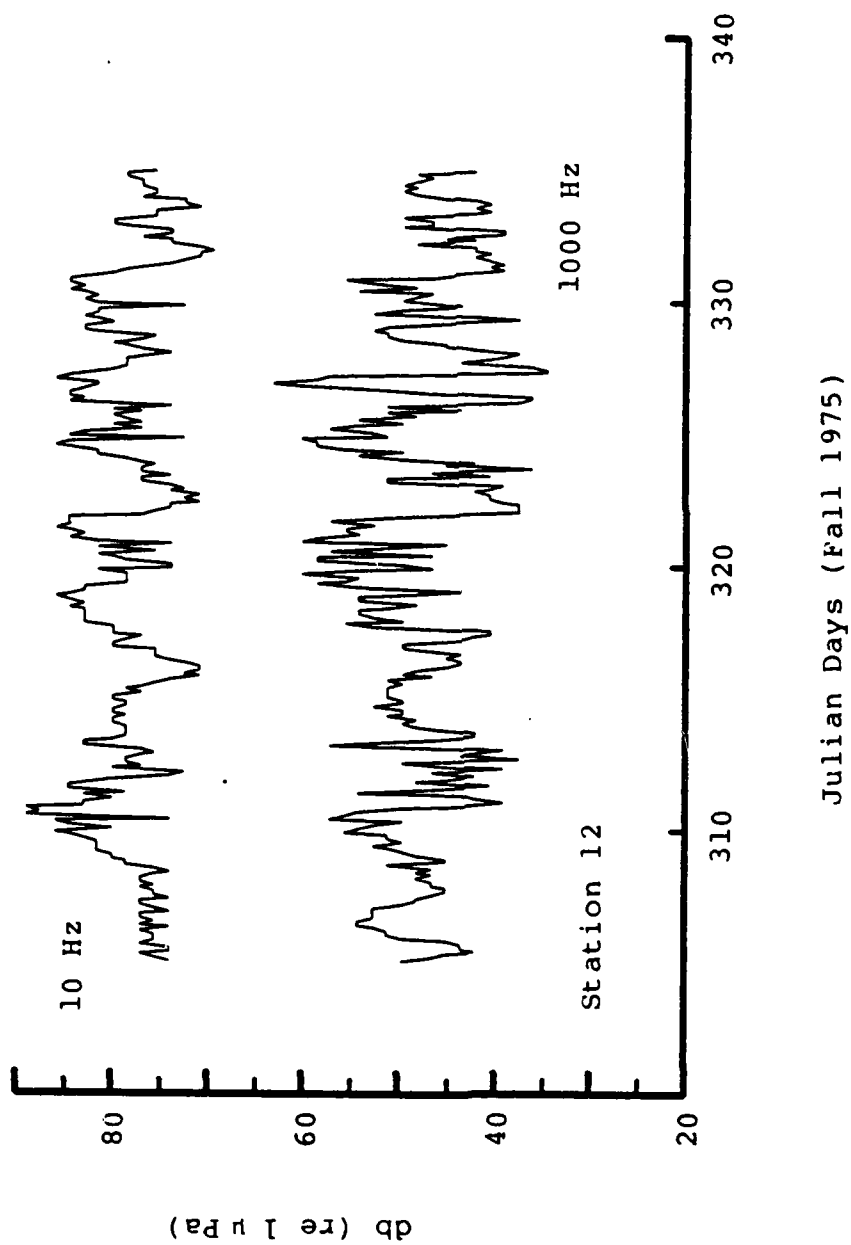


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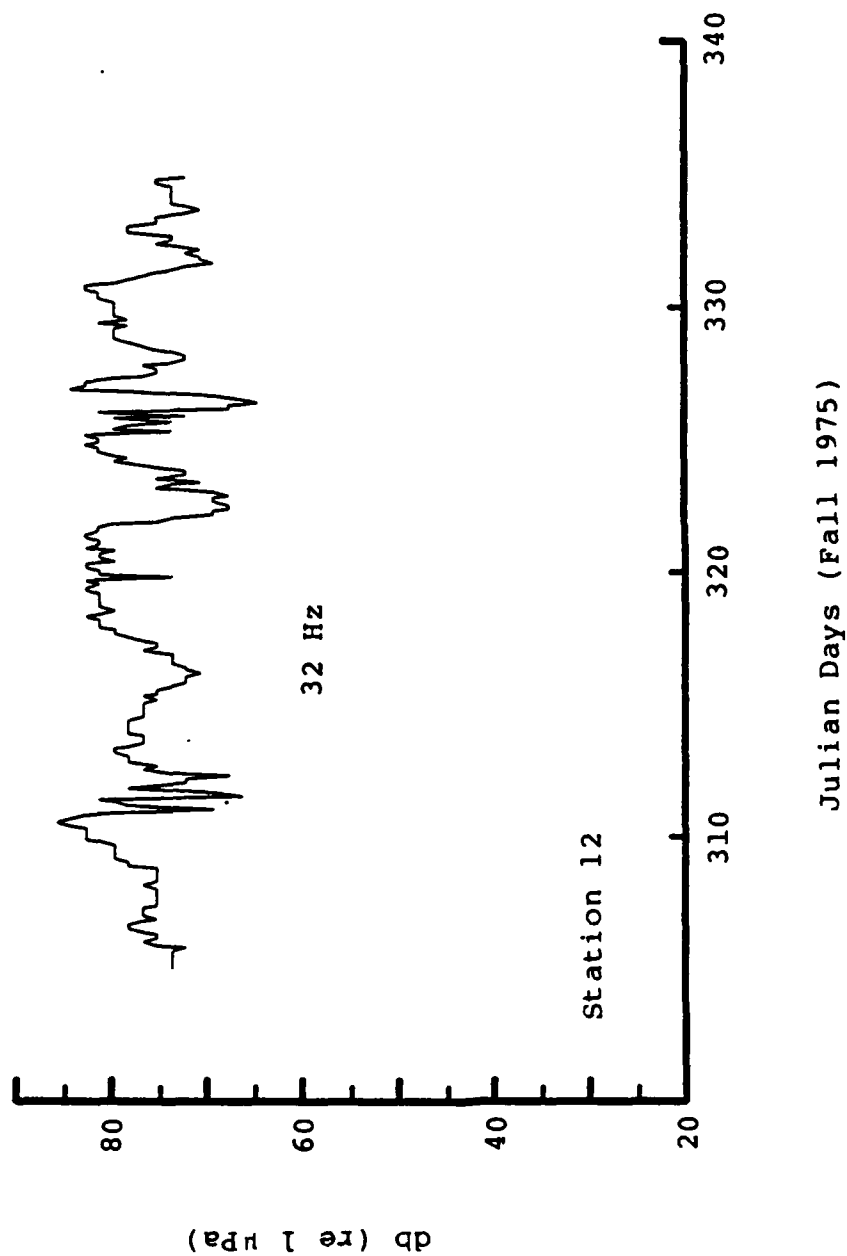


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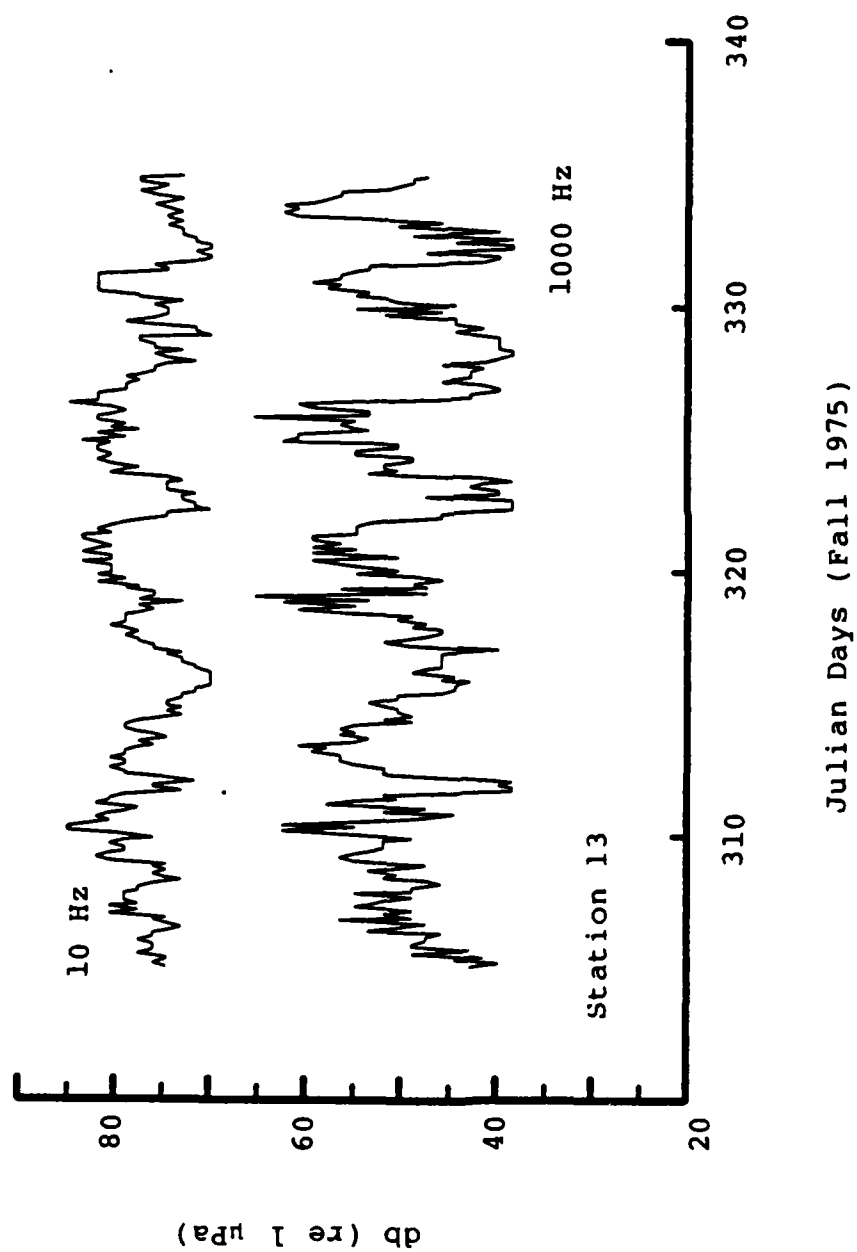


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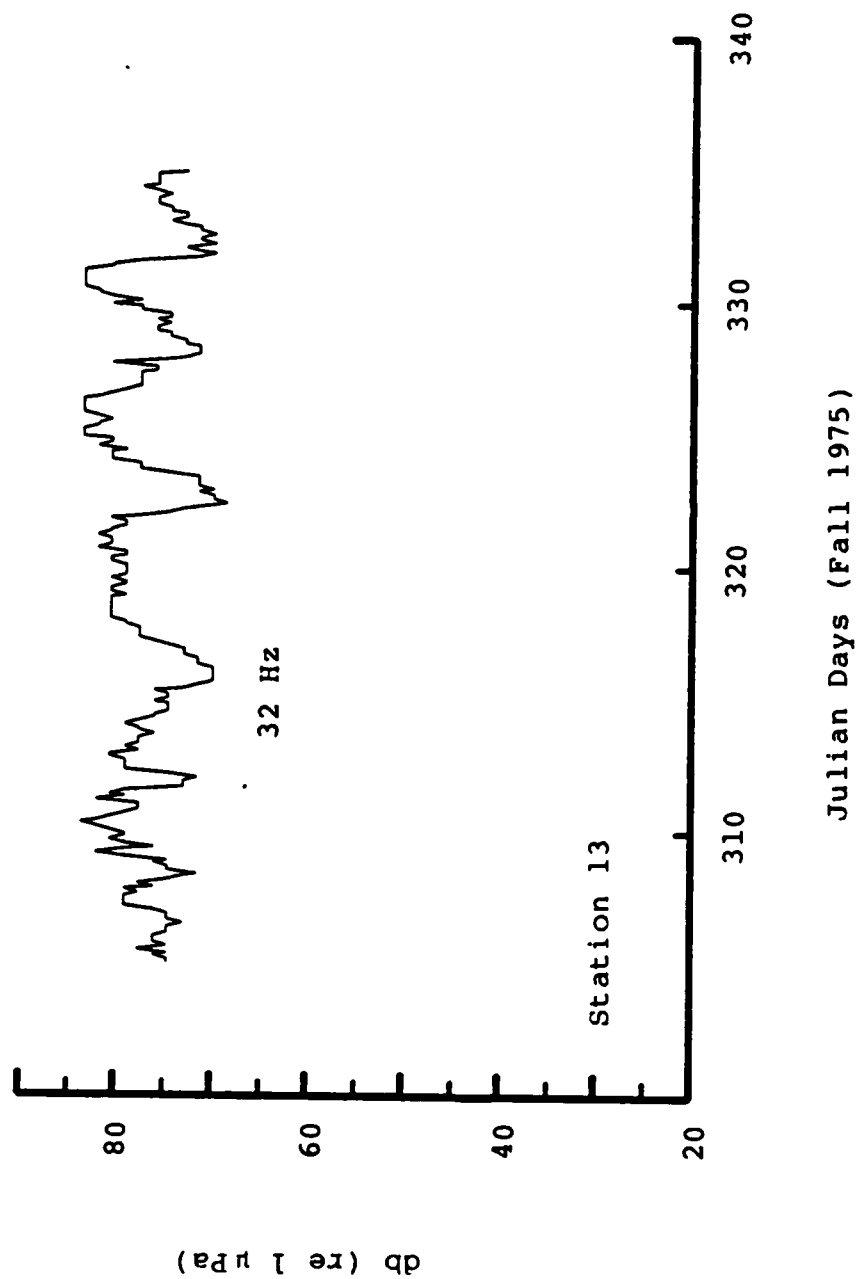


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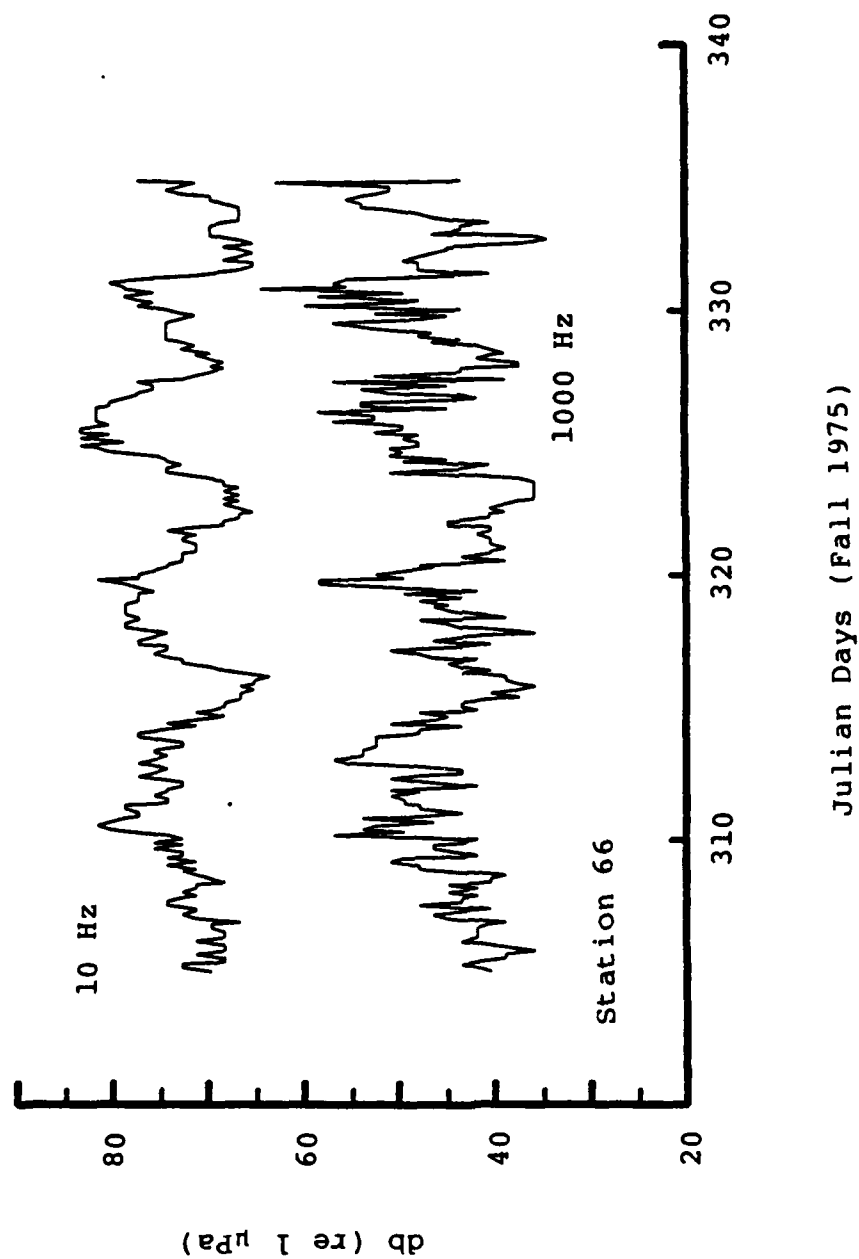


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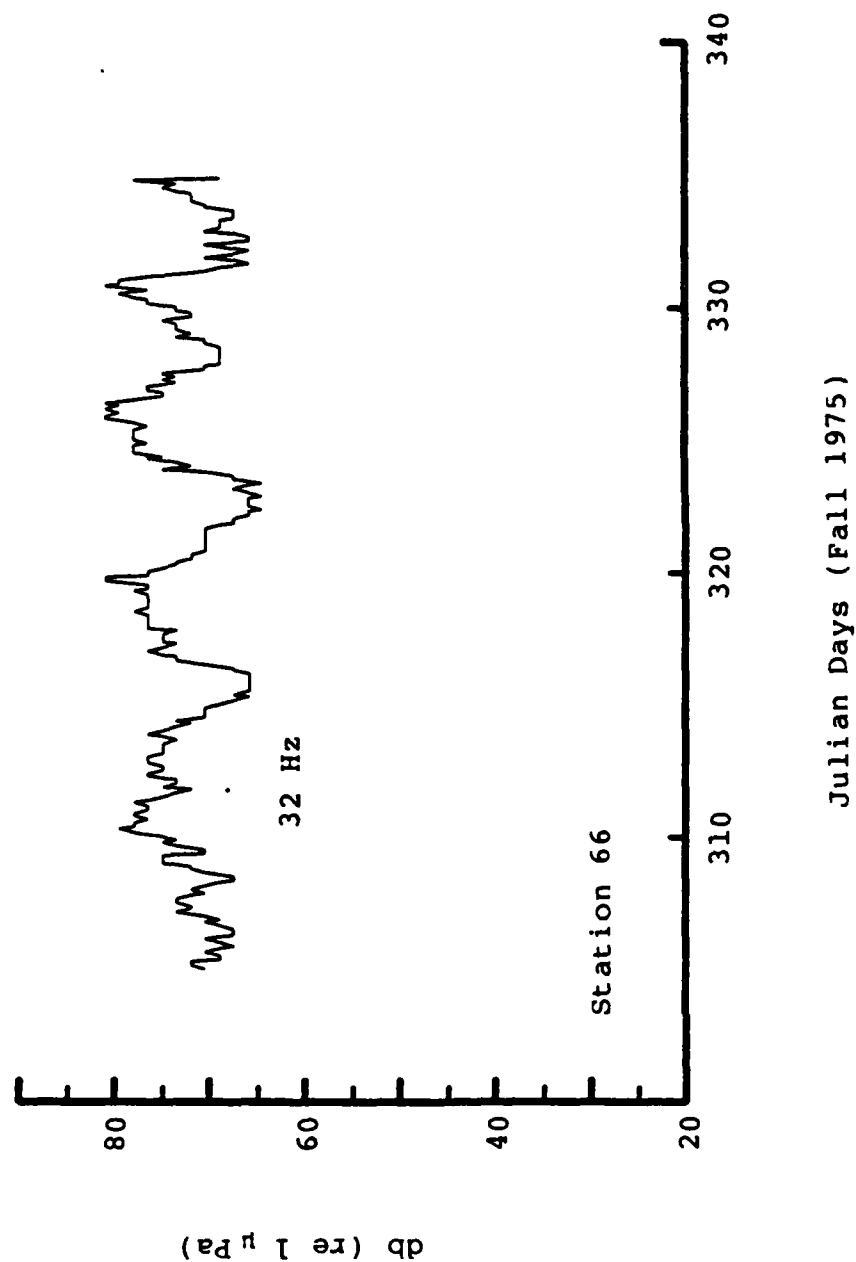


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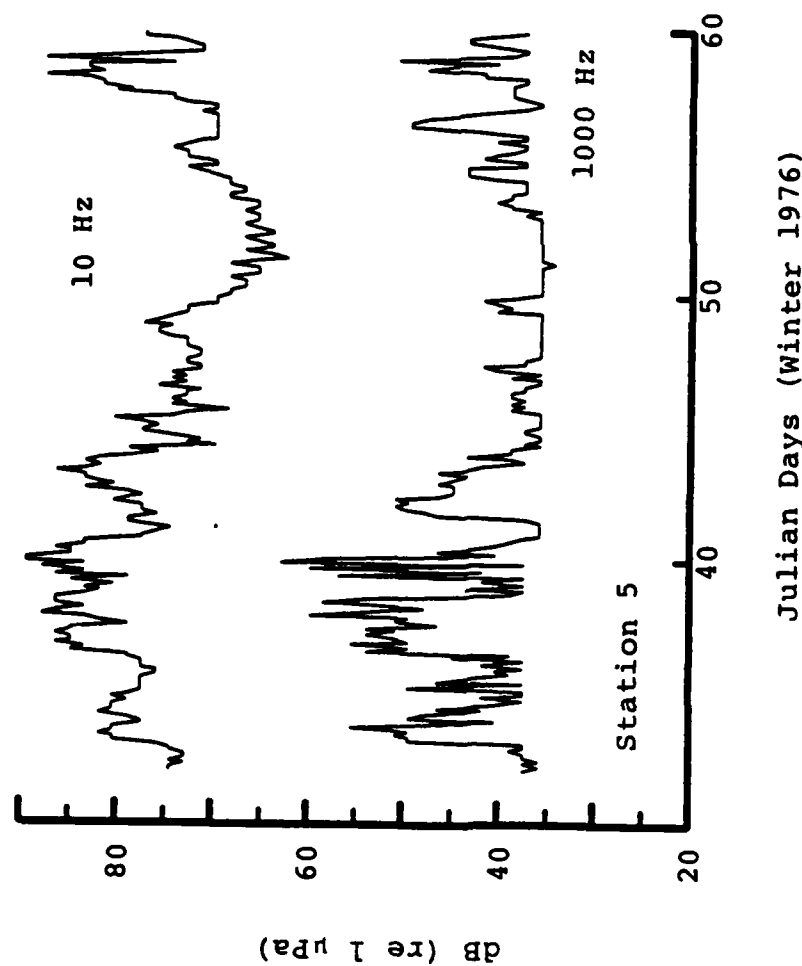


Fig. A.23. Ambient noise variations, 10 Hz and 1000 Hz, Station 5, during February 1976

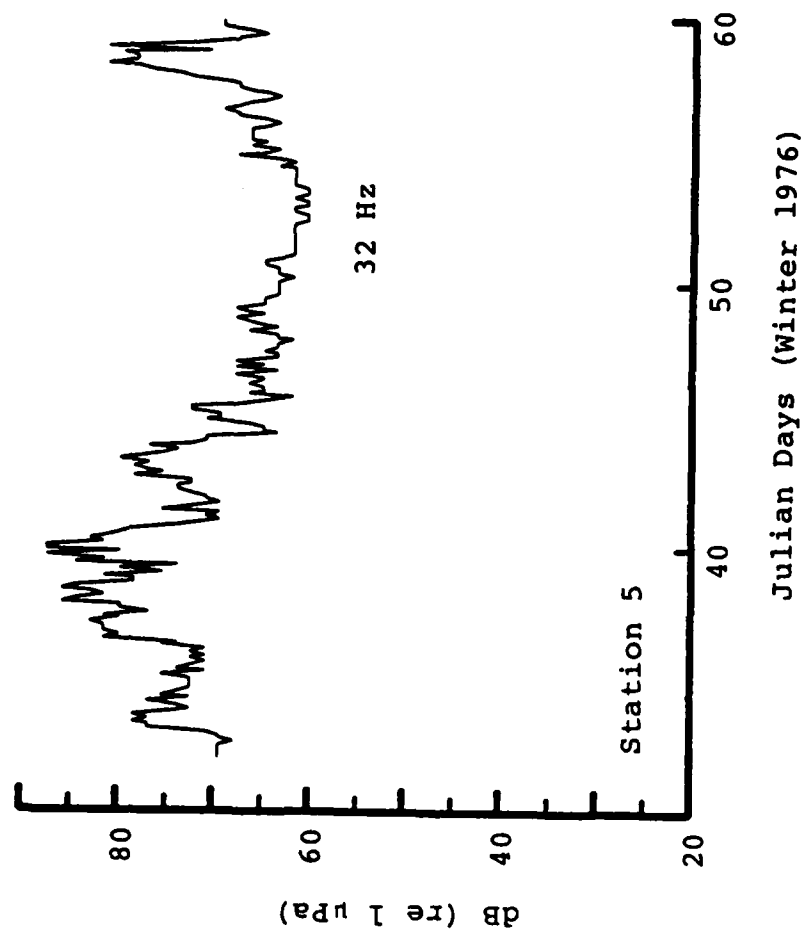


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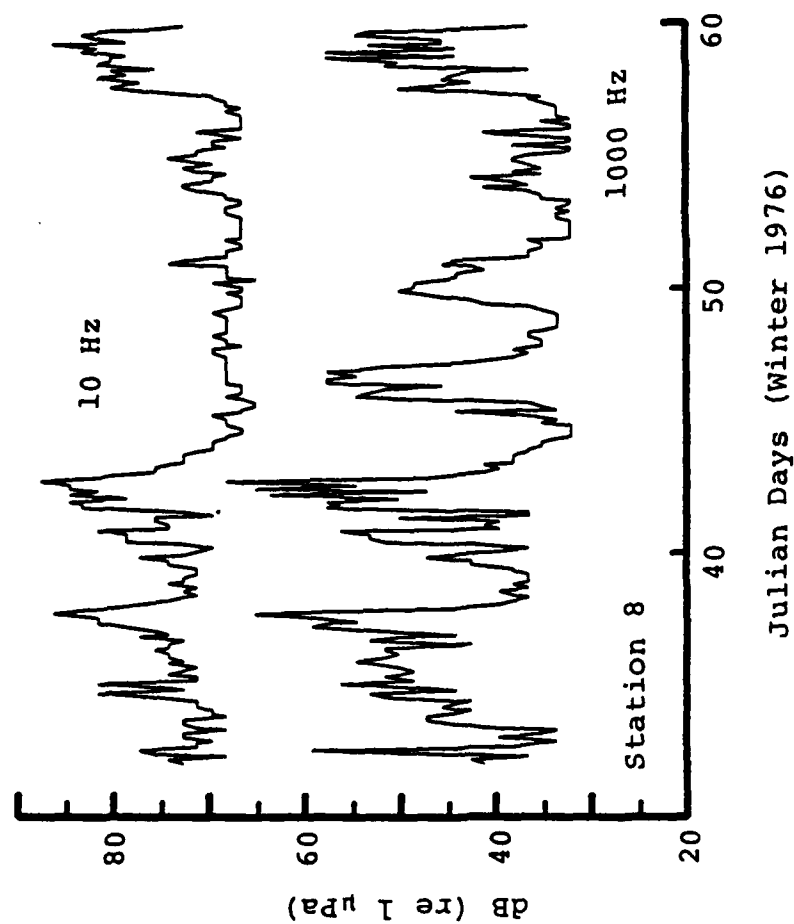


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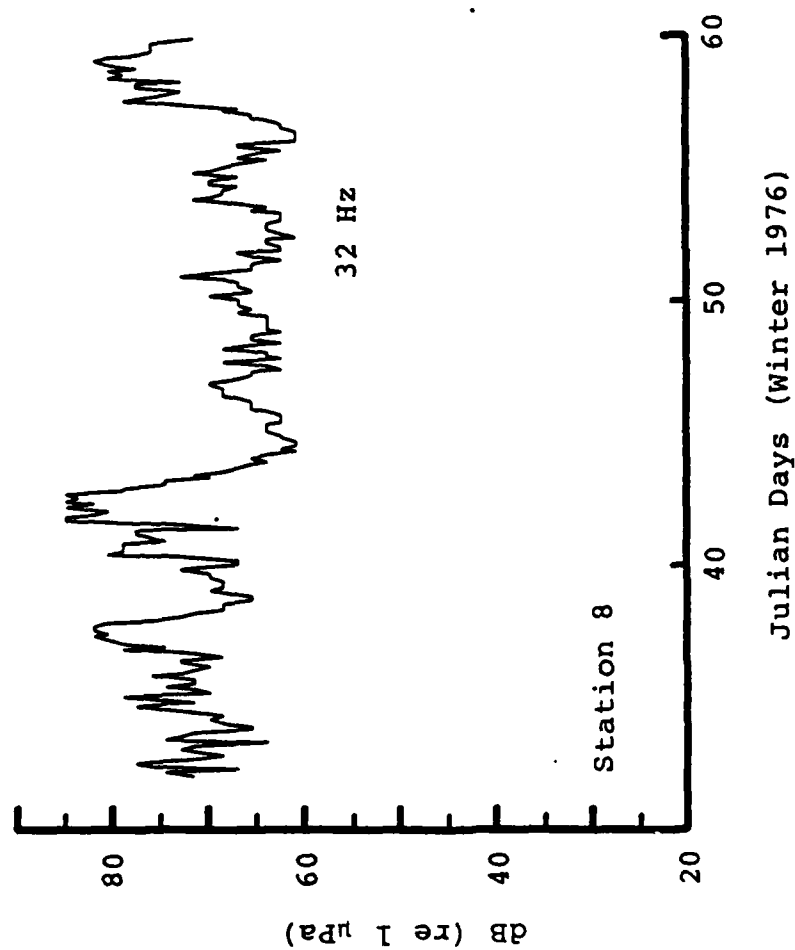


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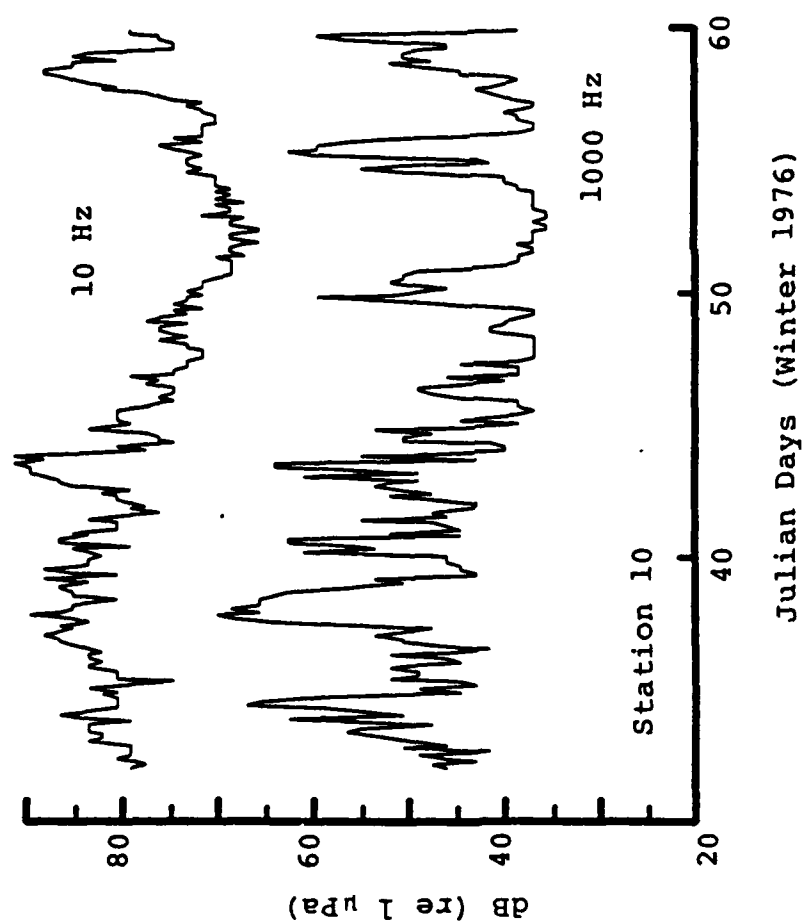


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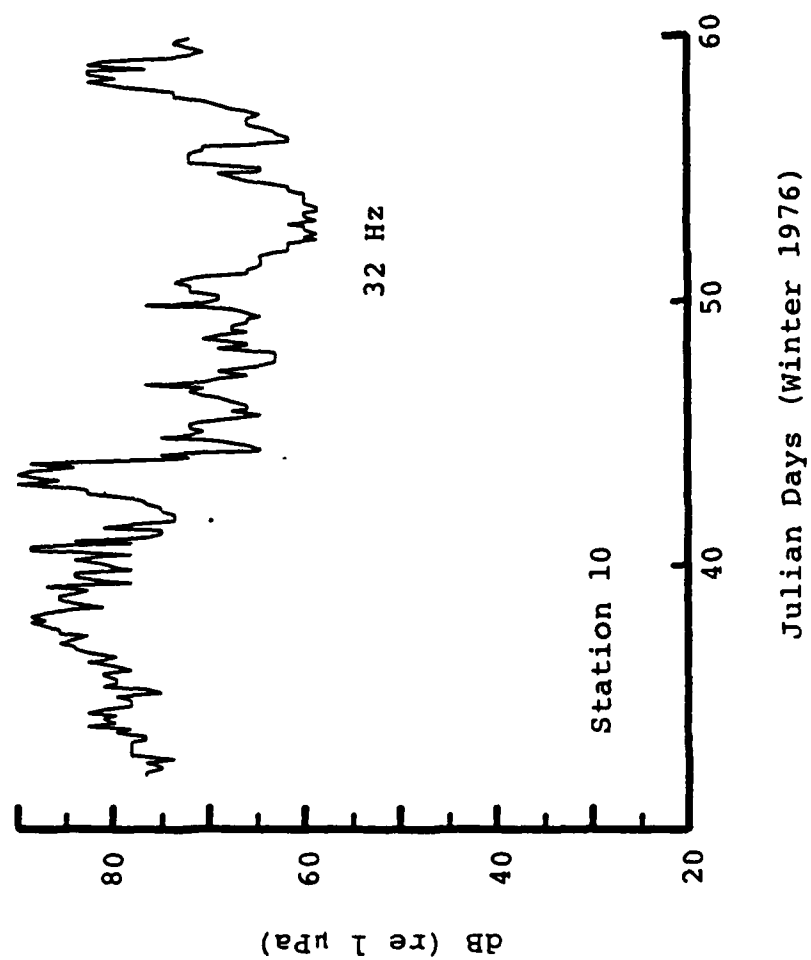


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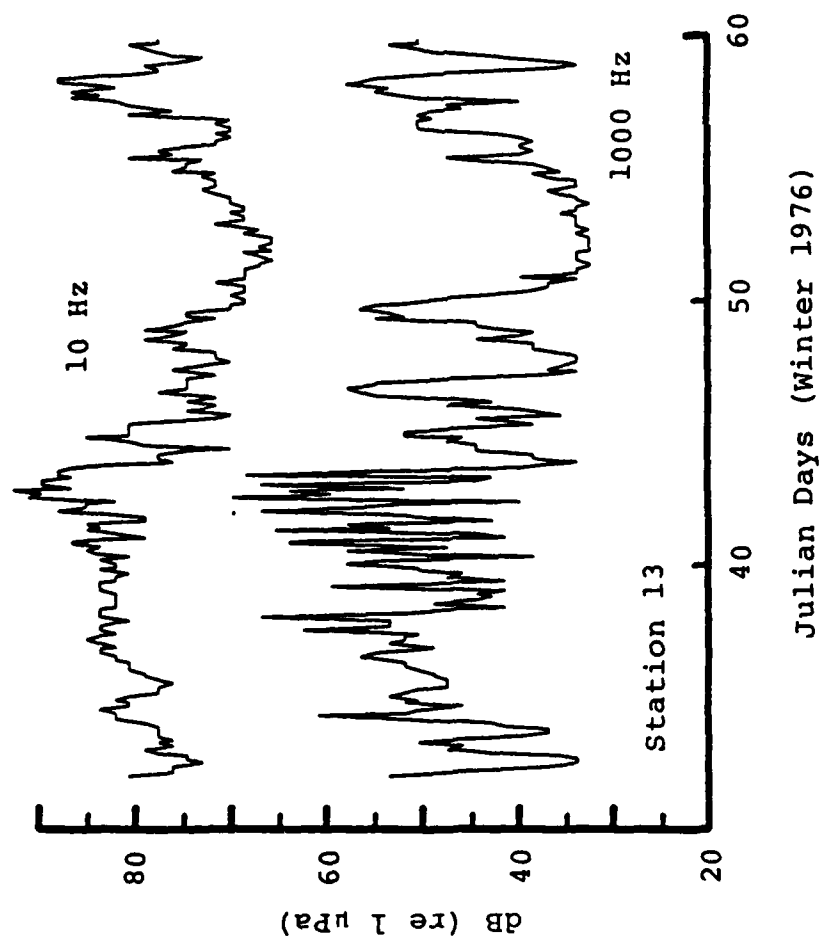


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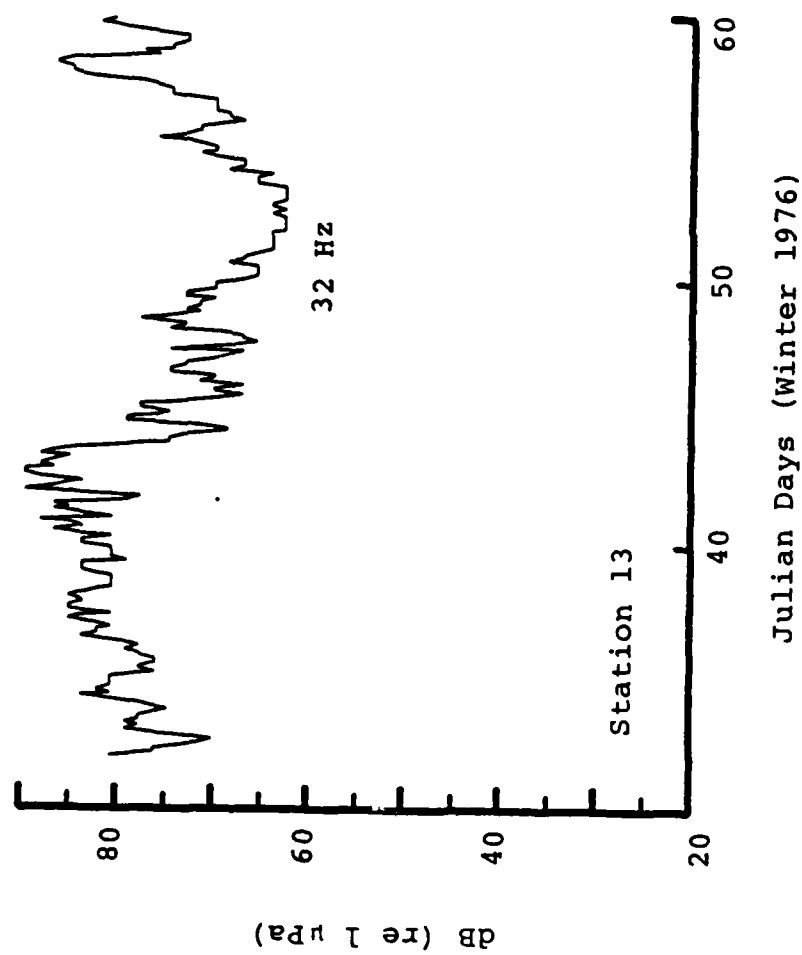


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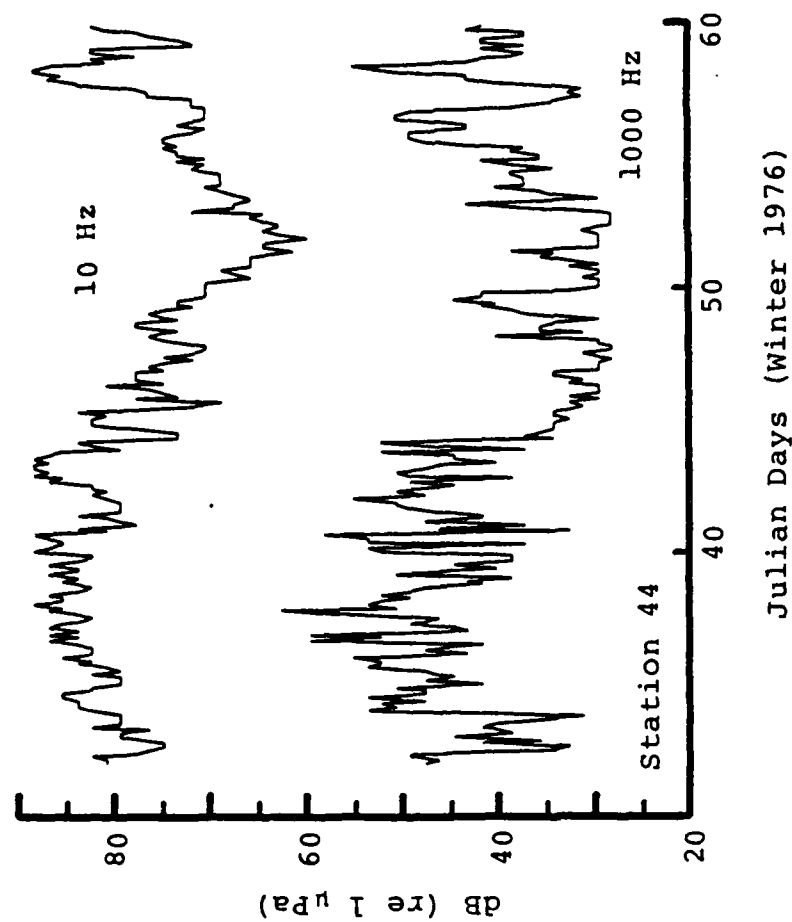


Fig. A.31. Ambient noise variations, 10 Hz and 1000 Hz, Station 44, during February 1976

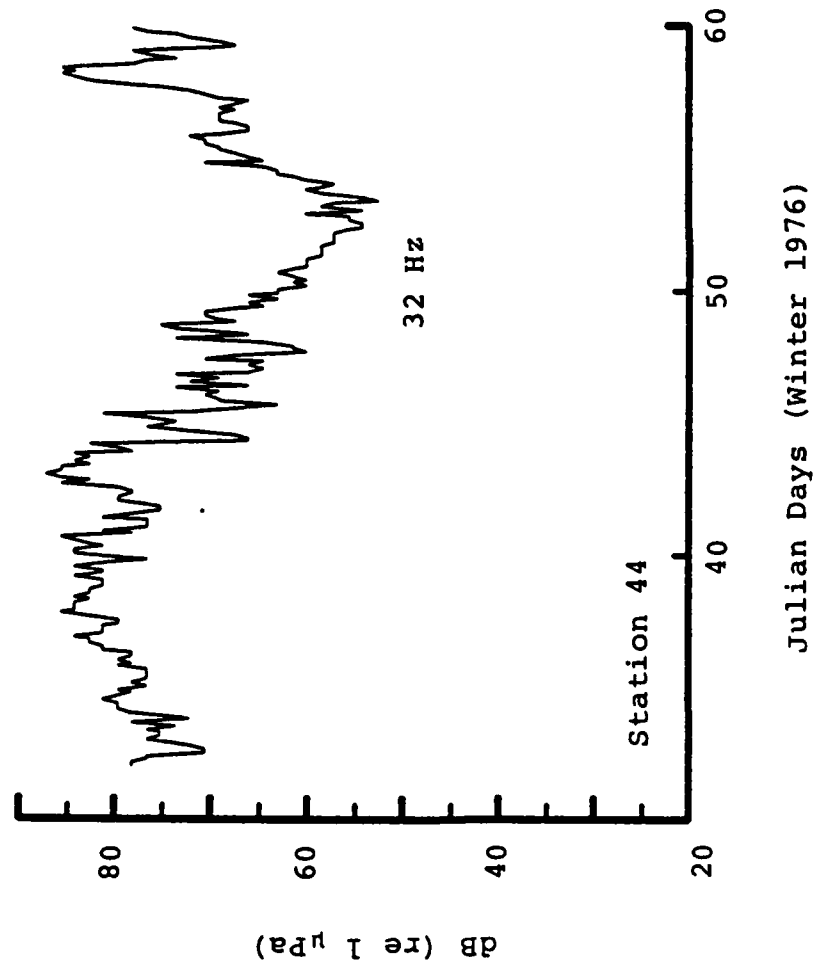


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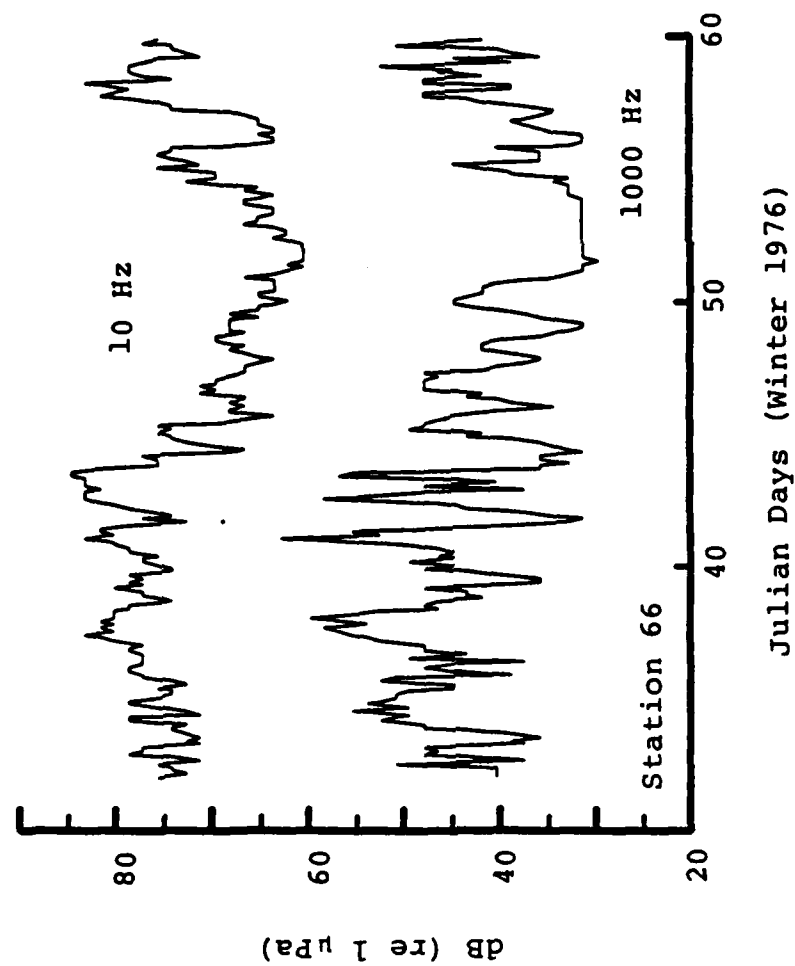


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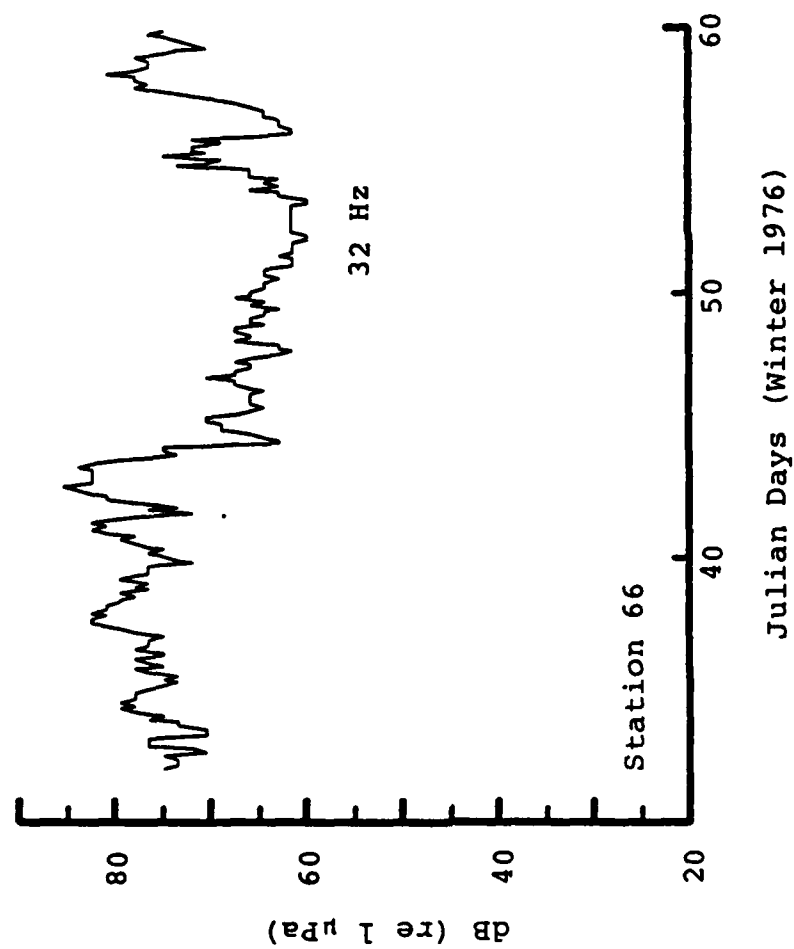
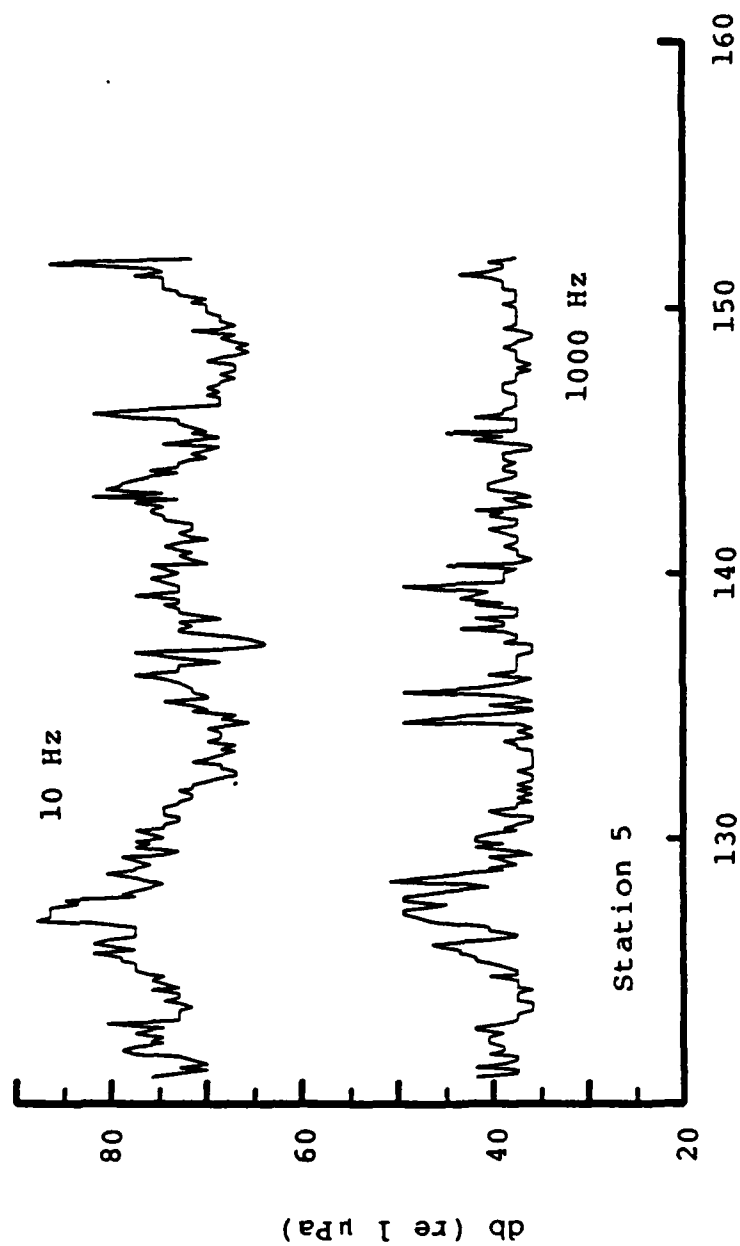


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Julian Days (Spring 1976)

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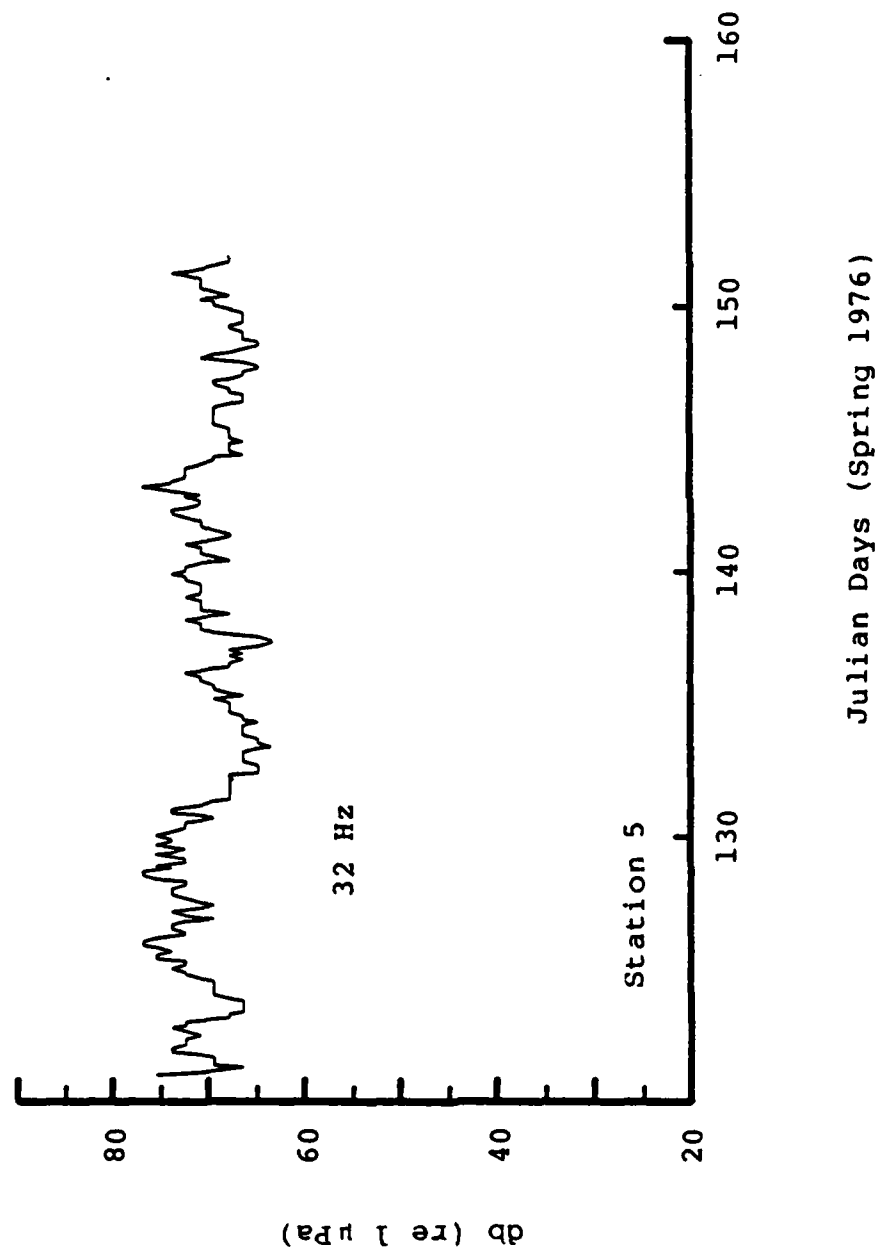
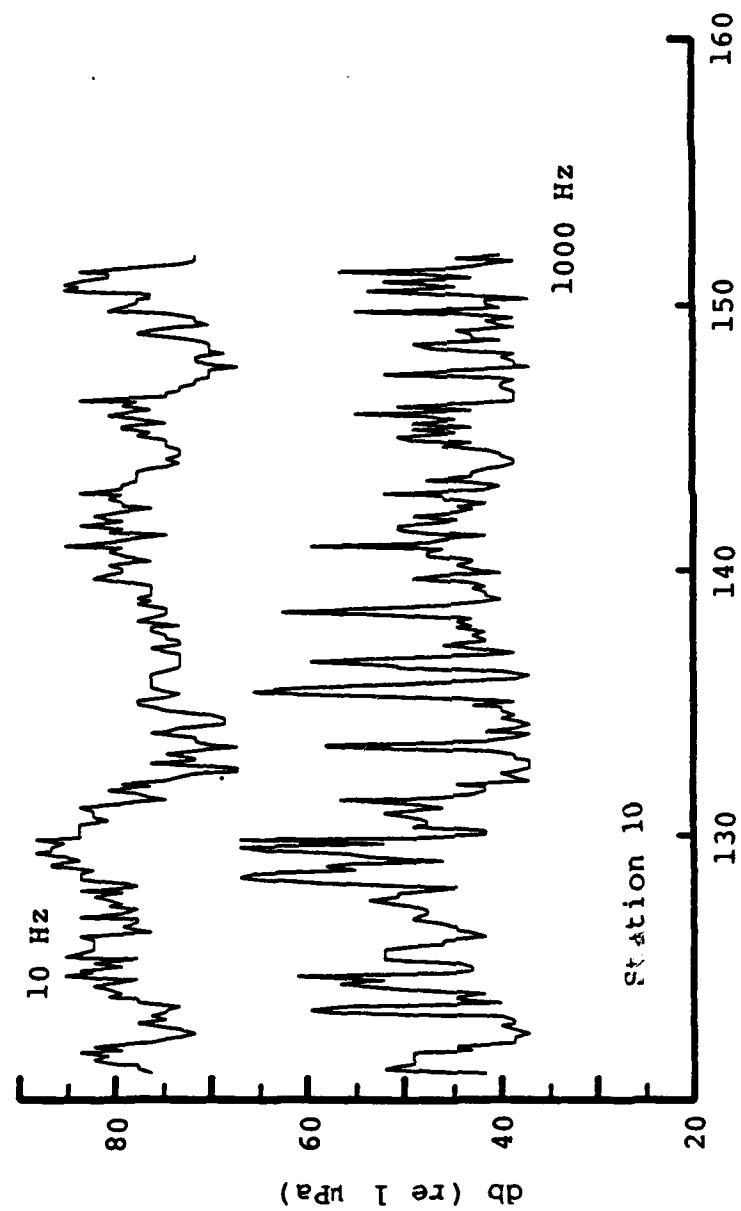


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Julian Days (Spring 1976)

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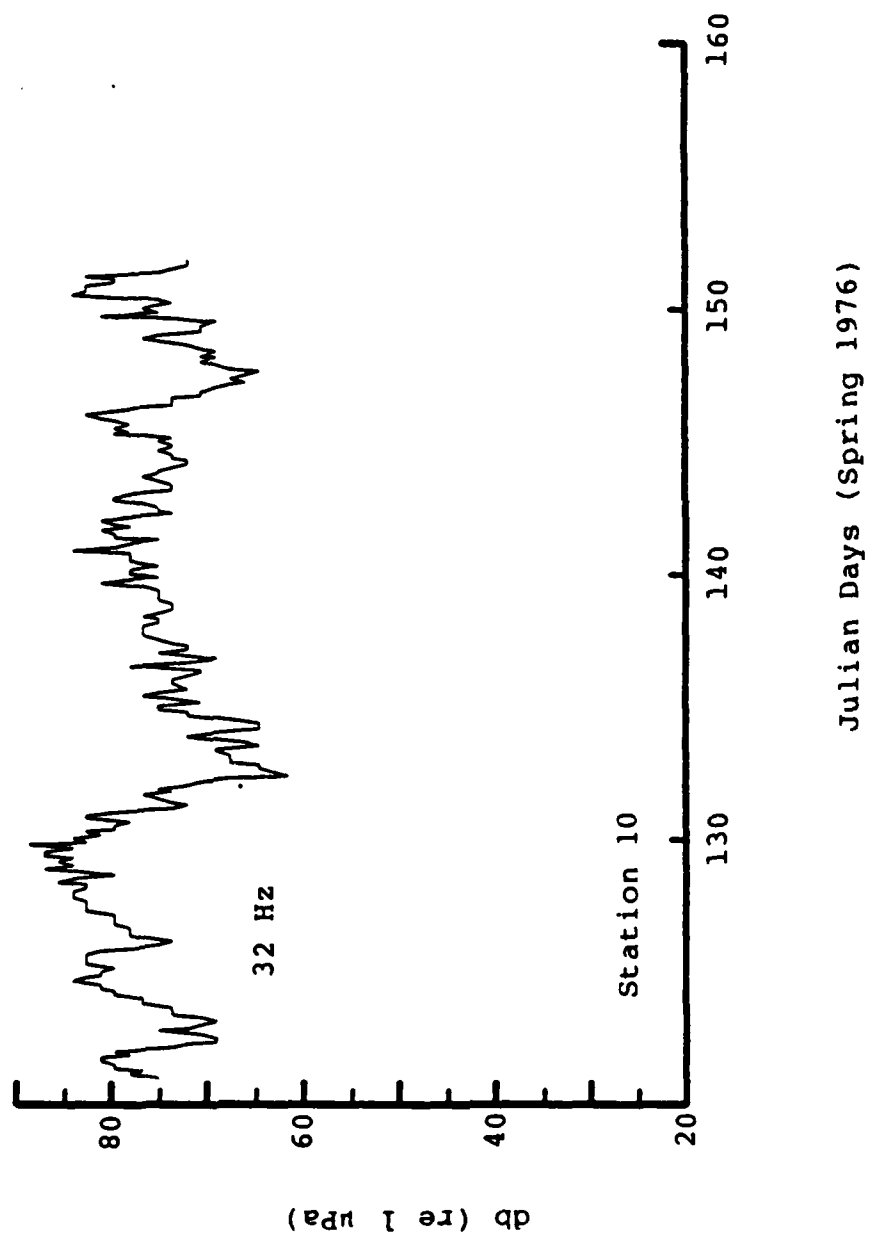
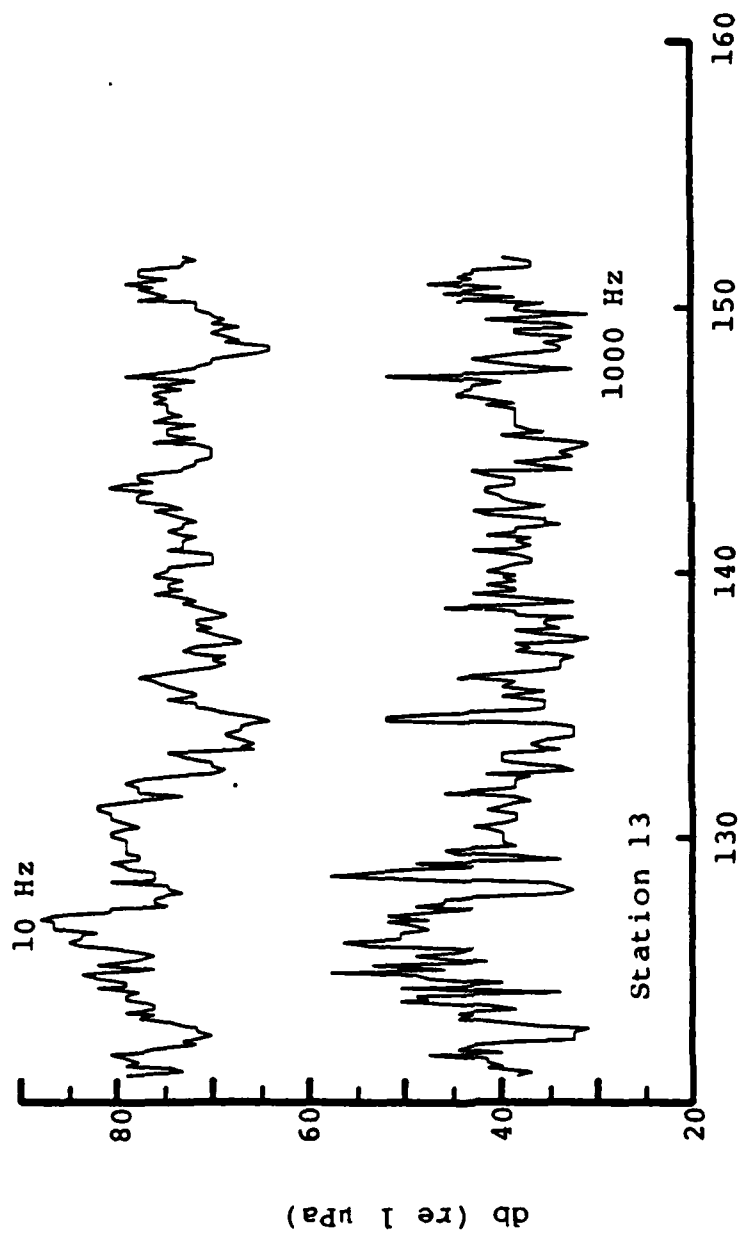


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Julian Days (Spring 1976)

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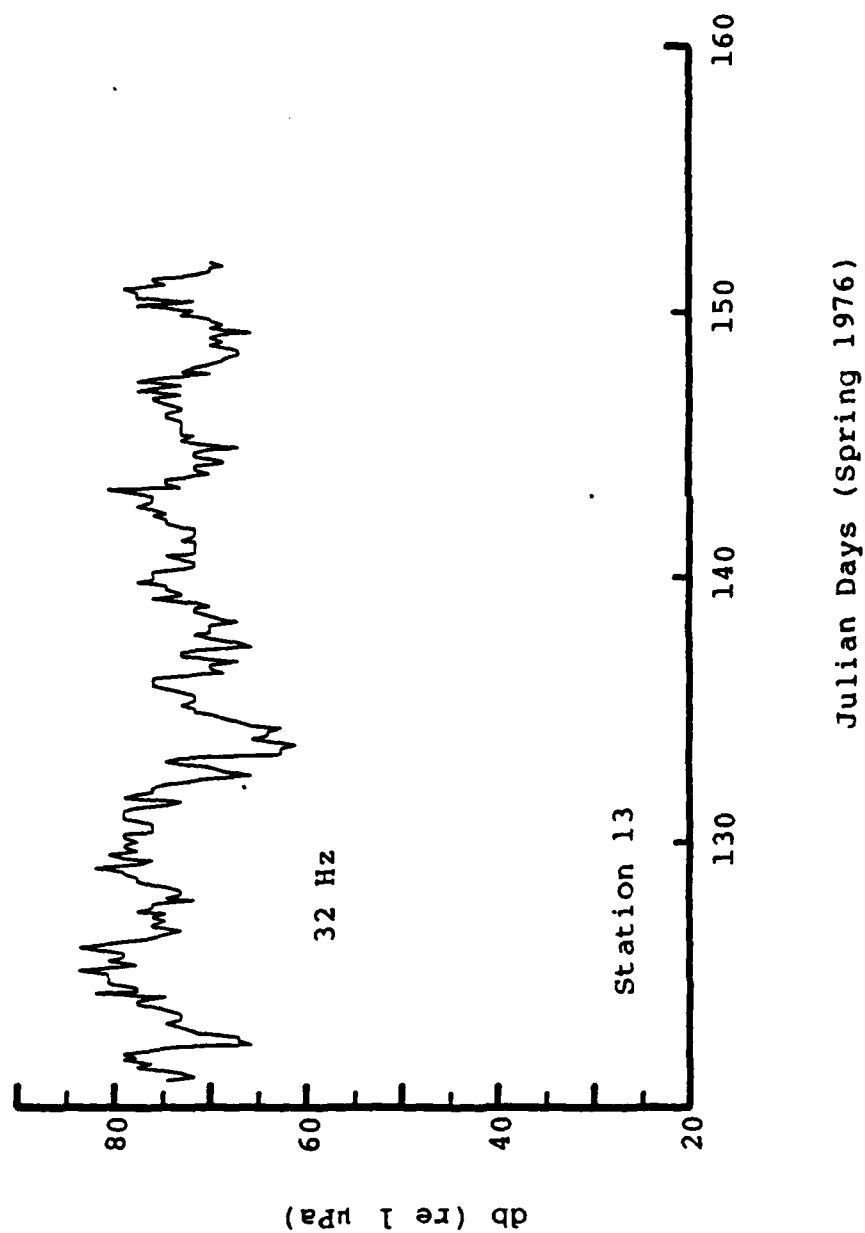
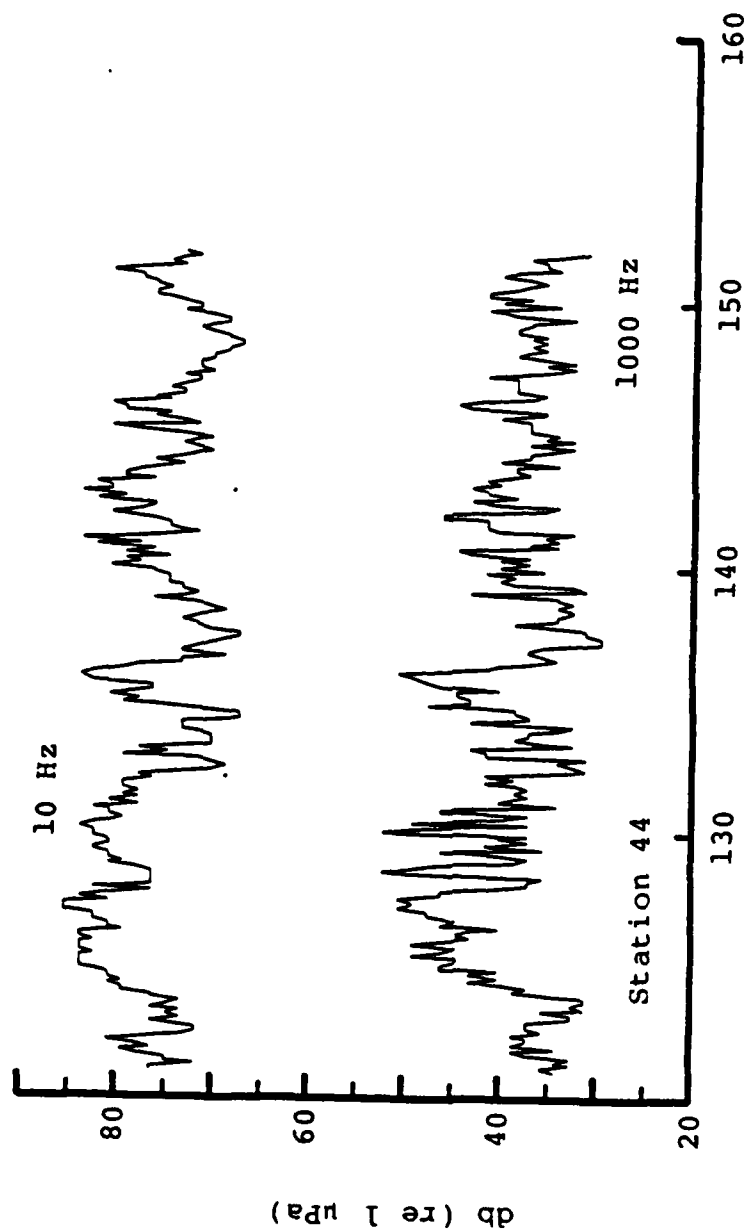


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Julian Days (Spring 1976)

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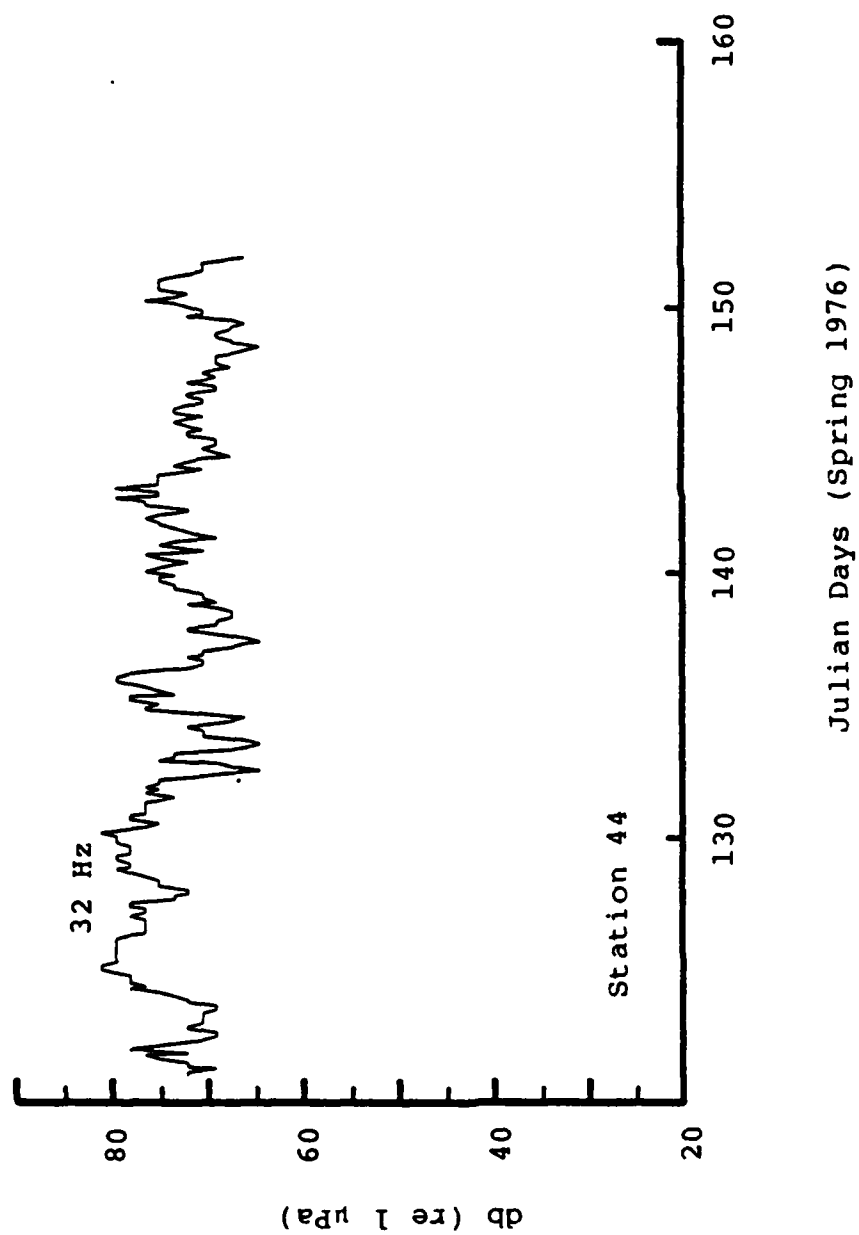
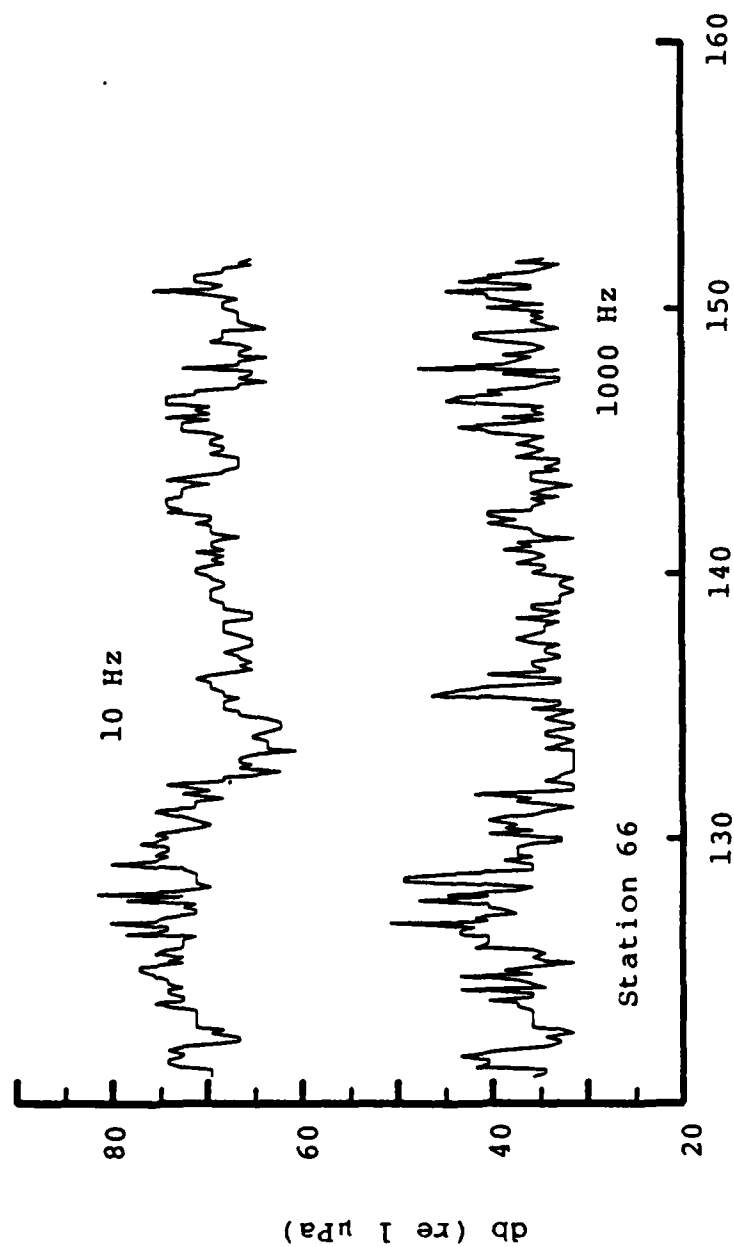


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Julian Days (Spring 1976)

Fig. A.43. Ambient noise variations, 10 Hz and 1000 Hz, Station 66, during May 1976

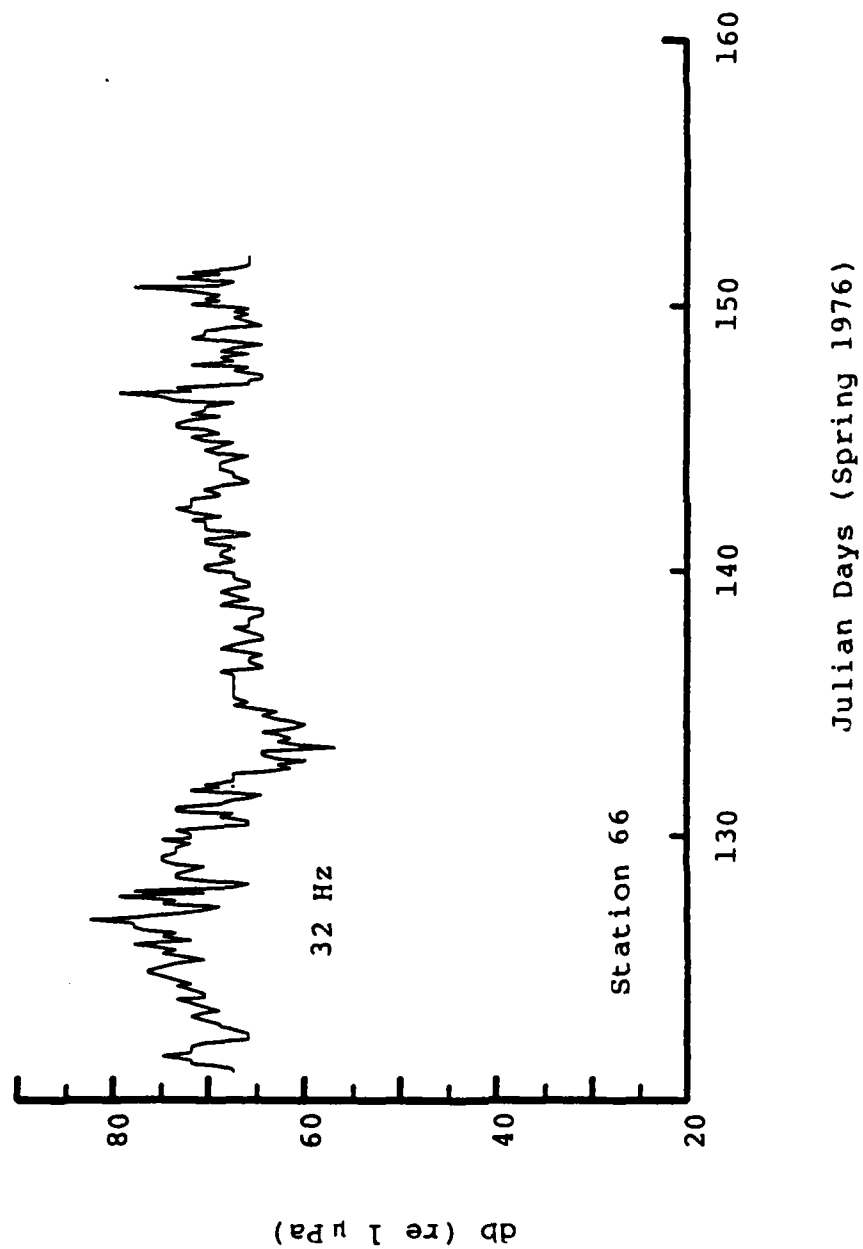


Fig. A.44. Ambient noise variations, 32 Hz, Station 66, during May 1976

Appendix B

Two-Dimensional Contour Maps of Arctic
Ambient Noise Variations, 8-9 August 1975
(Summer)

This appendix contains the two-dimensional contour maps of the AIDJEX 10 Hz, 32 Hz, and 1000 Hz noise signals for the 48 hour period of 8-9 August 1975. The contour maps show the spatial variations of the ambient noise signals at 3 hr intervals, the units of the noise being decibells. The 8-9 August 1975 time period was chosen since the noise increased significantly during 8 August (Julian day 220) and began oscillating at several stations at the inertial frequency (~ 12.5 hrs) during 9 August (Julian day 221).

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Fig. B.50.	Spatial noise variations, day 221.875	3.1-98
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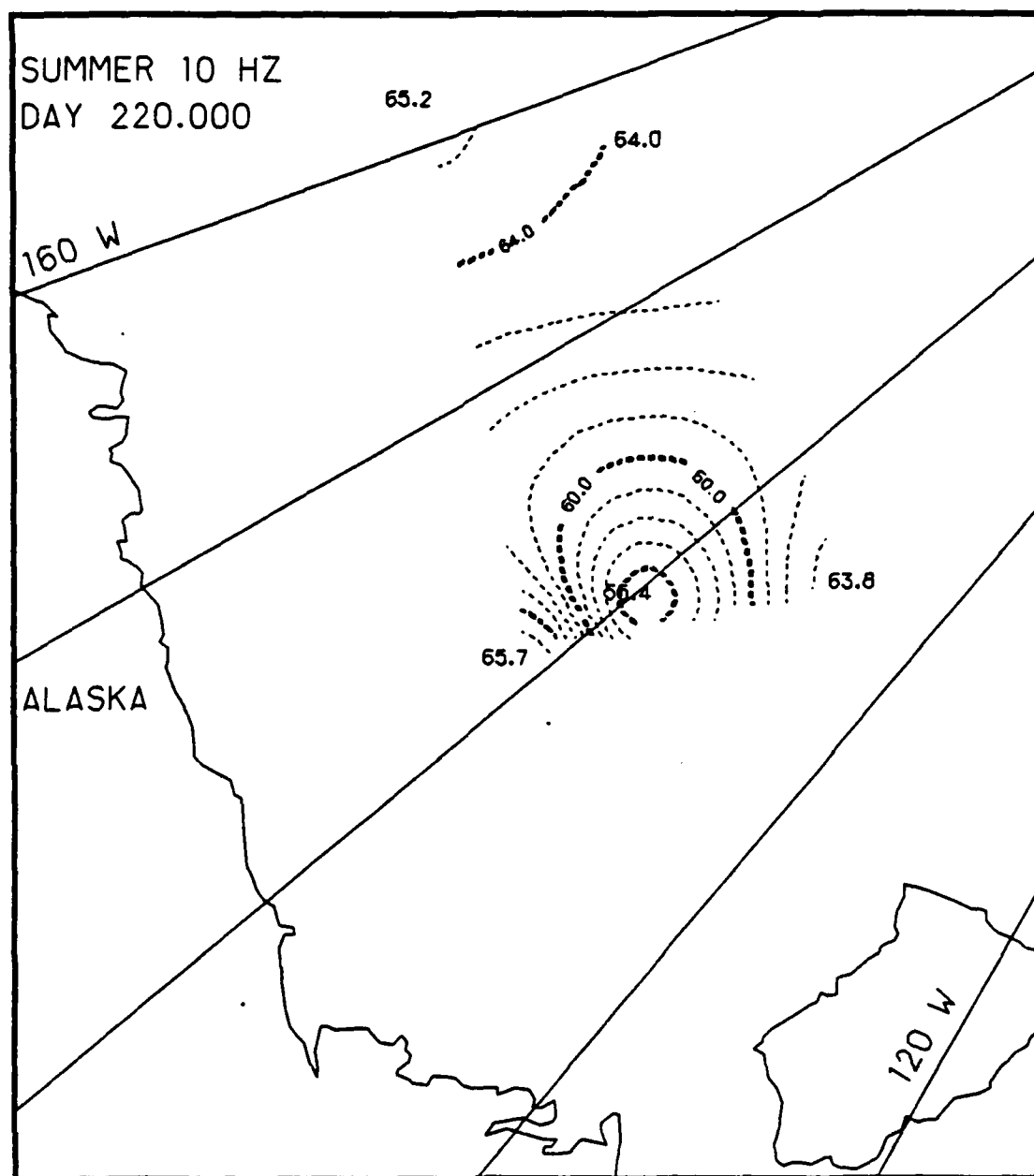


Fig. B.1. Spatial noise variations, day 220.0, based on the AIDJEX 10 Hz noise data.

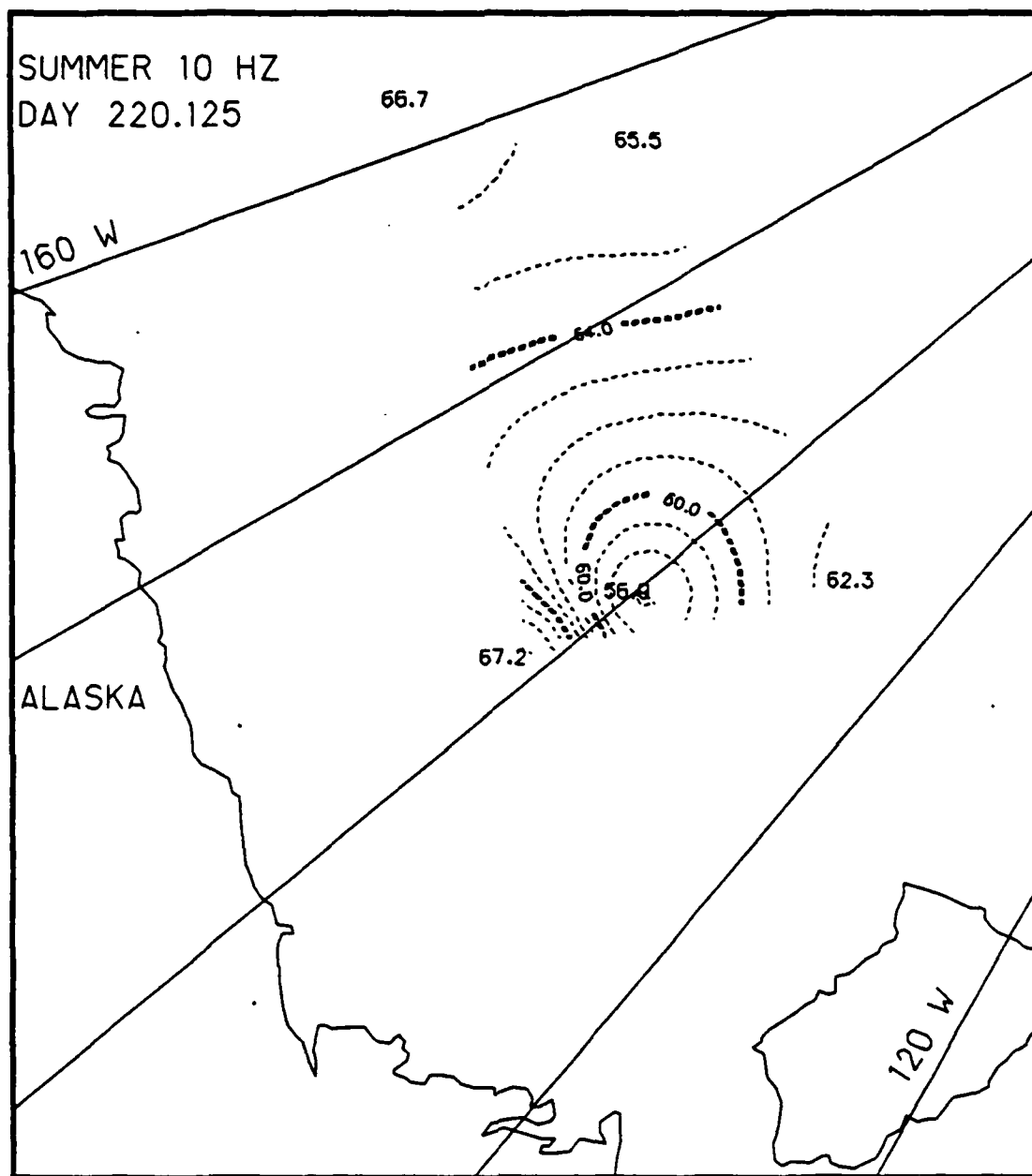


Fig. B.2. Spatial noise variations, day 220.125, based on the AIDJEX 10 Hz noise data.

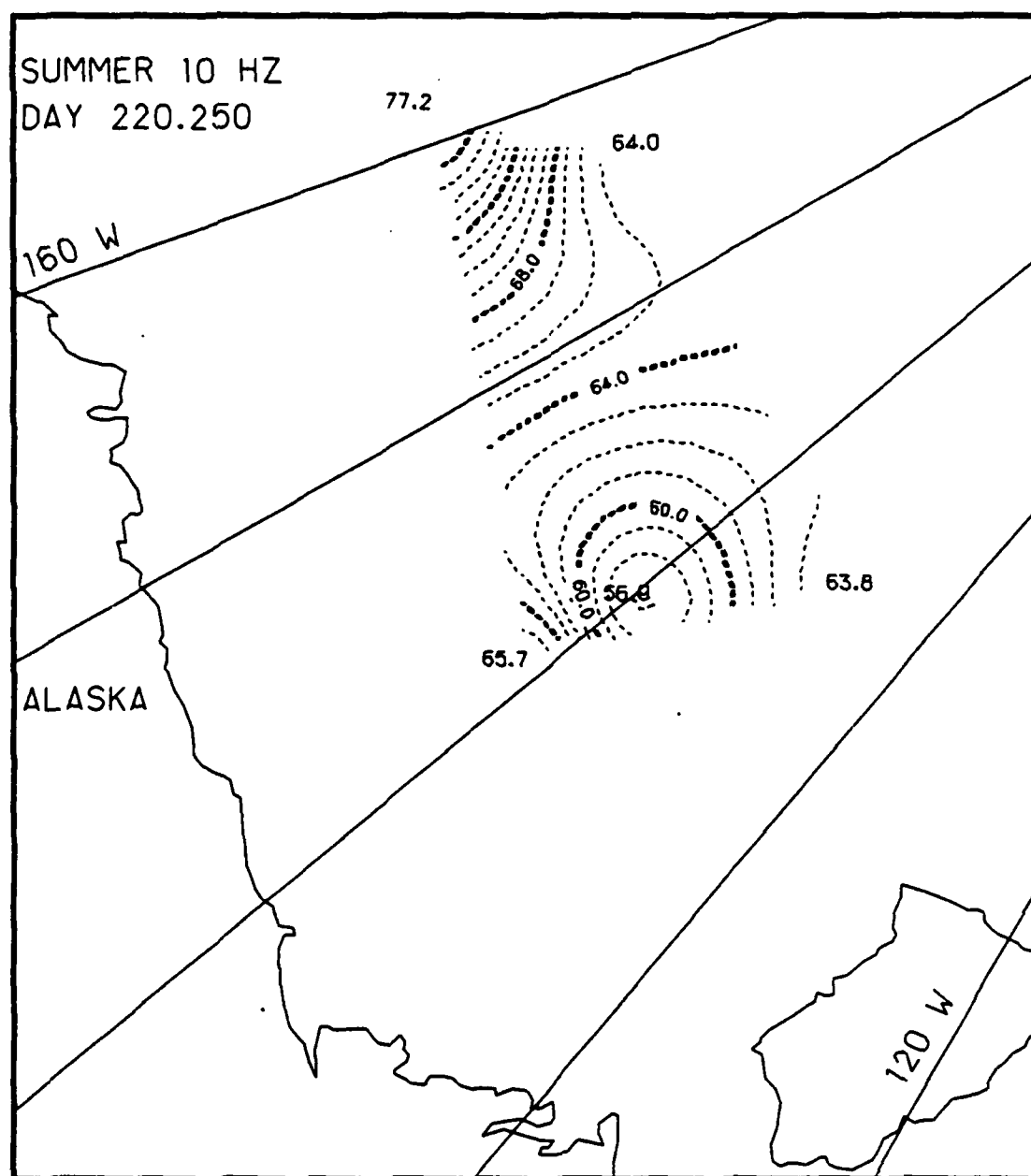


Fig. B.3. Spatial noise variations, day 220.25, based on the AIDJEX 10 Hz noise data.

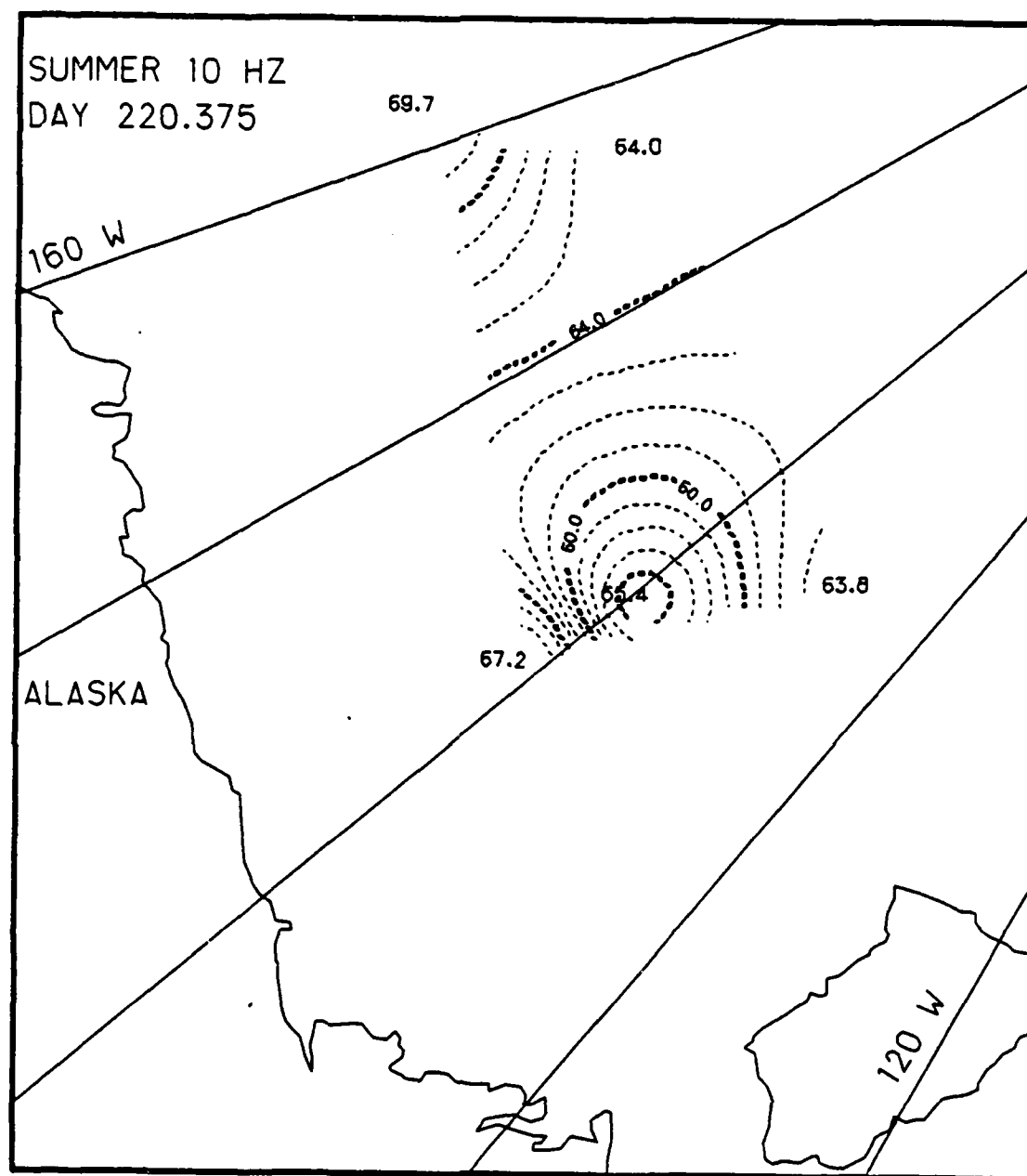


Fig. B.4. Spatial noise variations, day 220.375, based on the AIDJEX 10 Hz noise data.

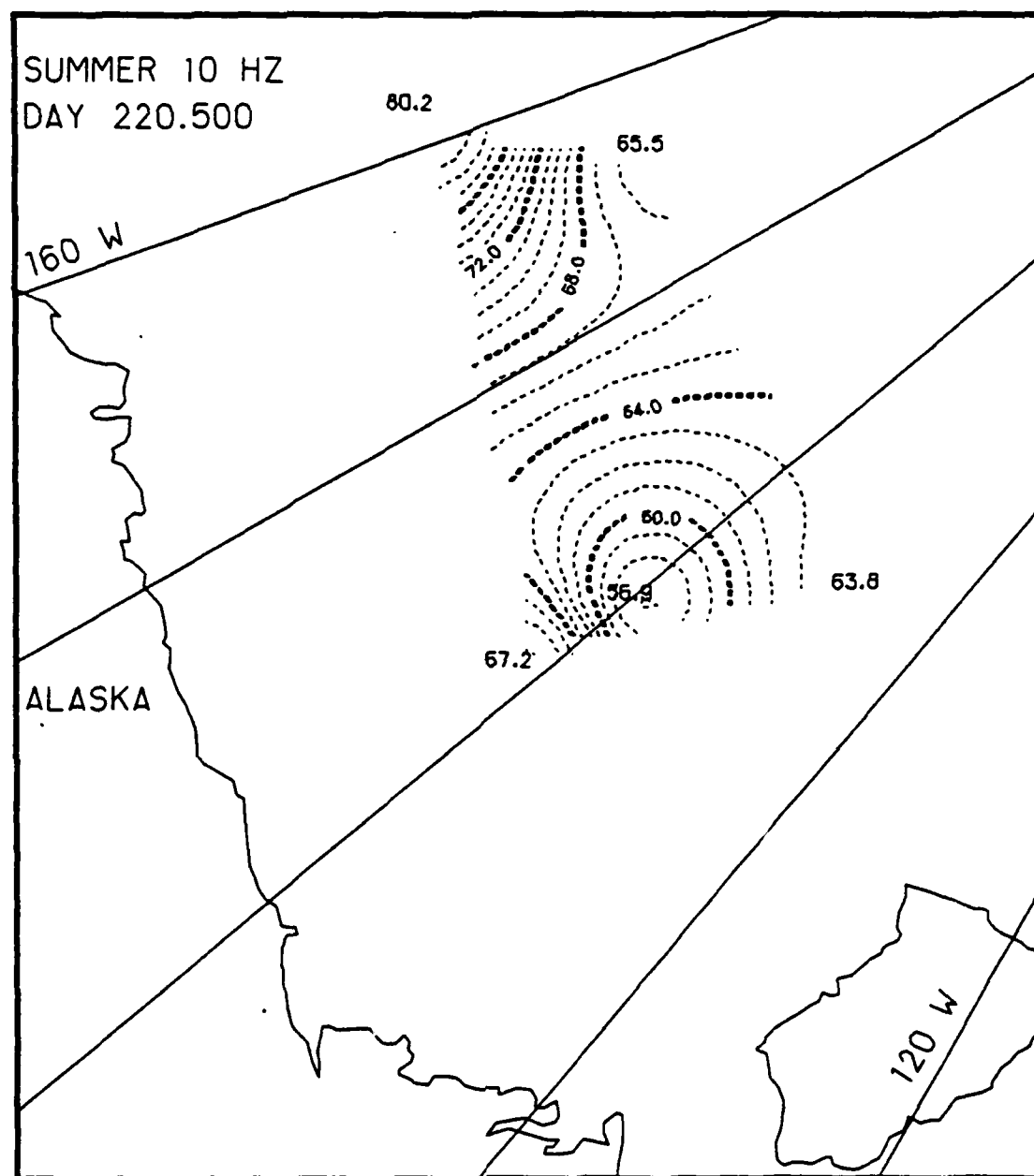


Fig. B.5. Spatial noise variations, day 220.5, based on the AIDJEX 10 Hz noise data.

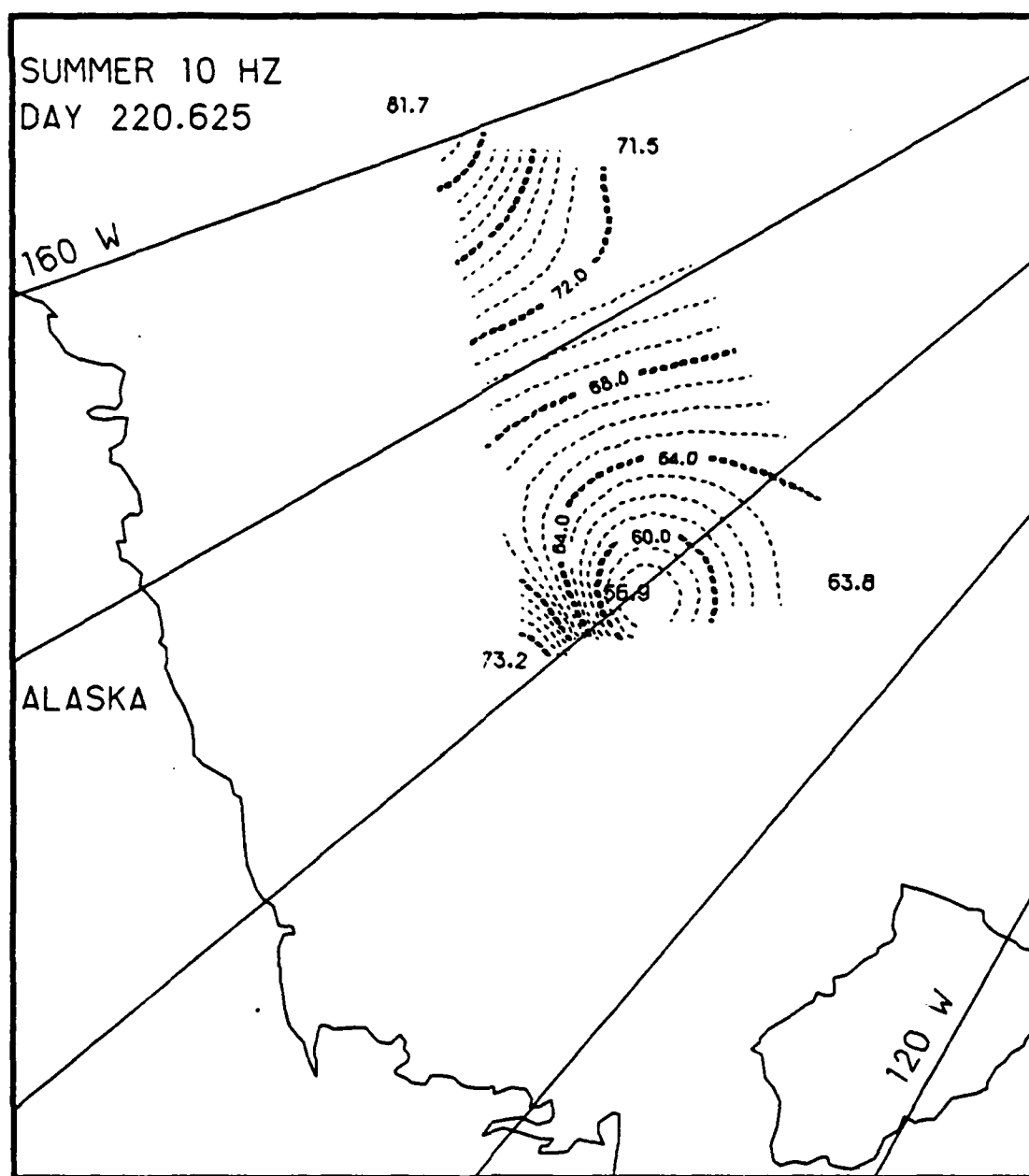


Fig. B.6. Spatial noise variations, day 220.625, based on the AIDJEX 10 Hz noise data.

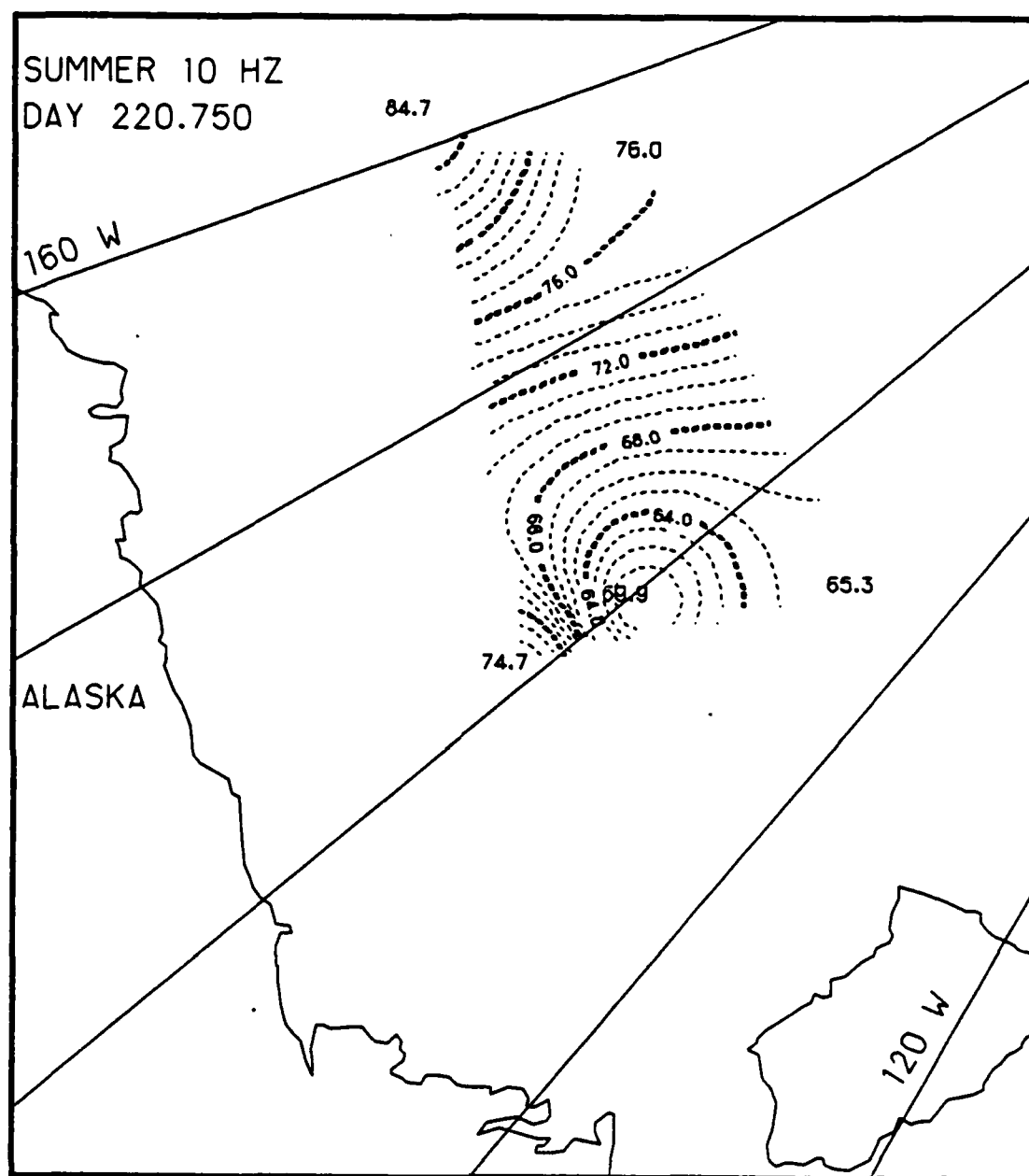


Fig. B.7. Spatial noise variations, day 220.75, based on the AIDJEX 10 Hz noise data.

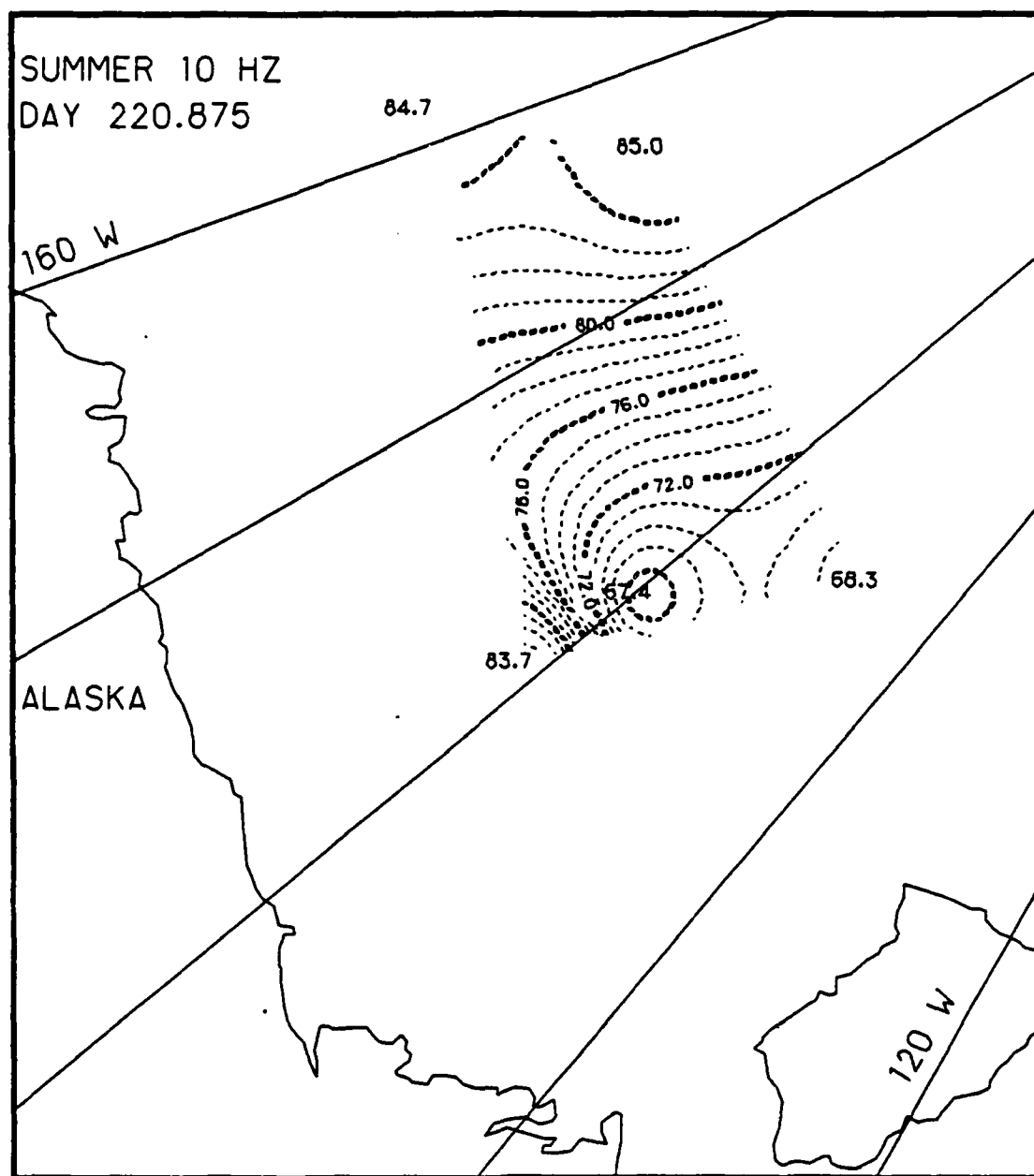


Fig. B.8. Spatial noise variations, day 220.875, based on the AIDJEX 10 Hz noise data.

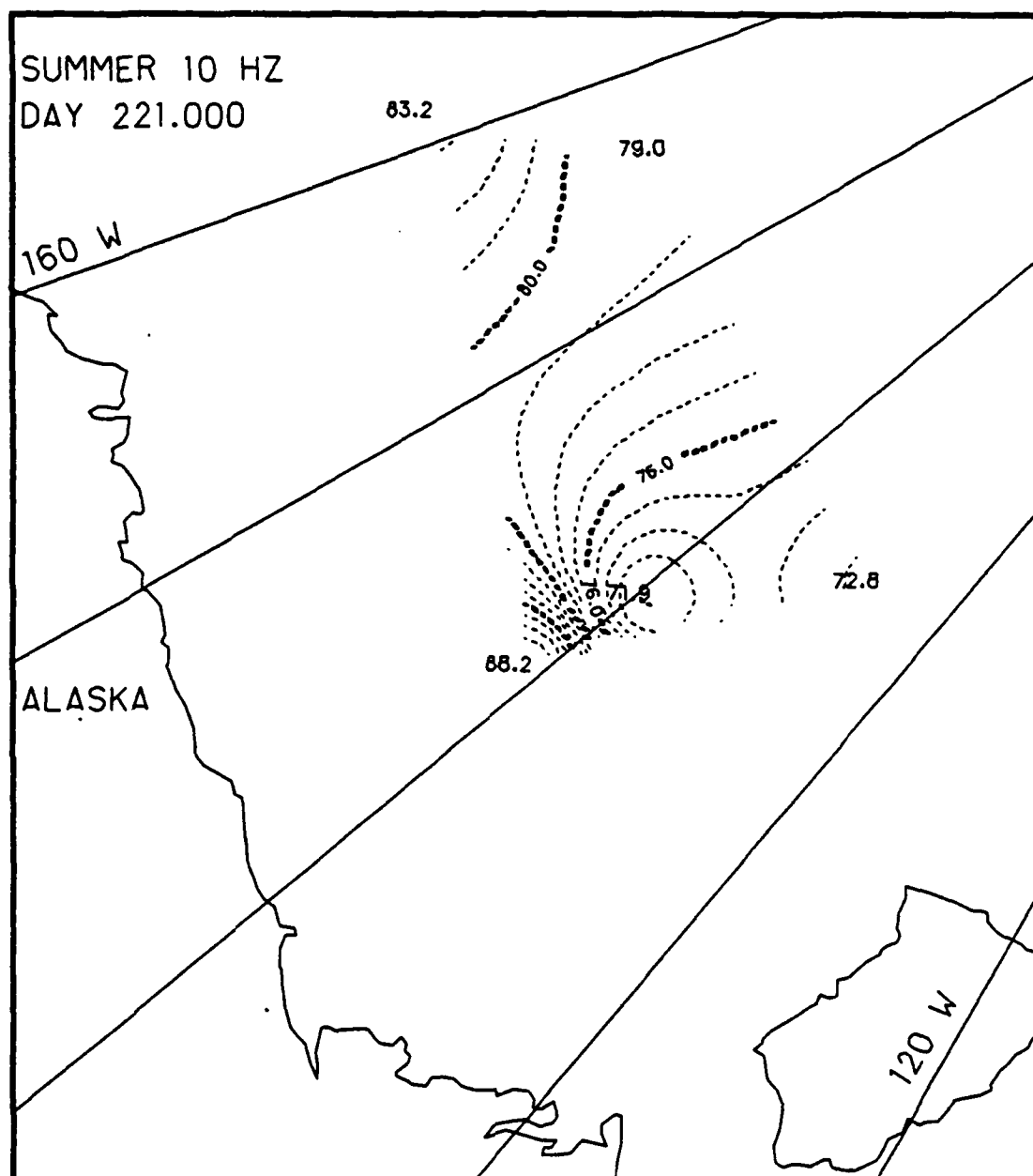


Fig. B.9. Spatial noise variations, day 221.0, based on the AIDJEX 10 Hz noise data.

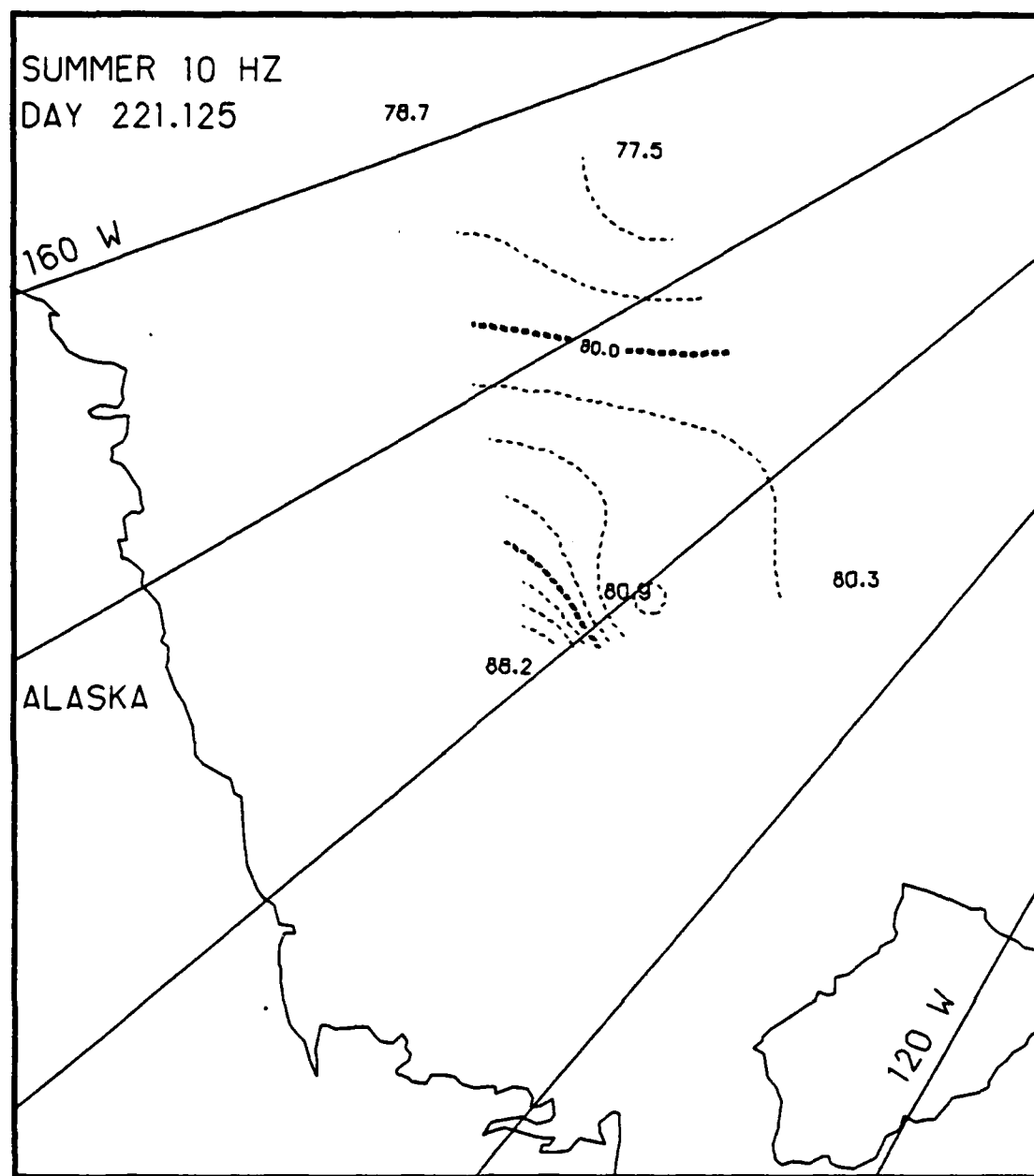


Fig. B.10. Spatial noise variations, day 221.125, based on the AIDJEX 10 Hz noise data.

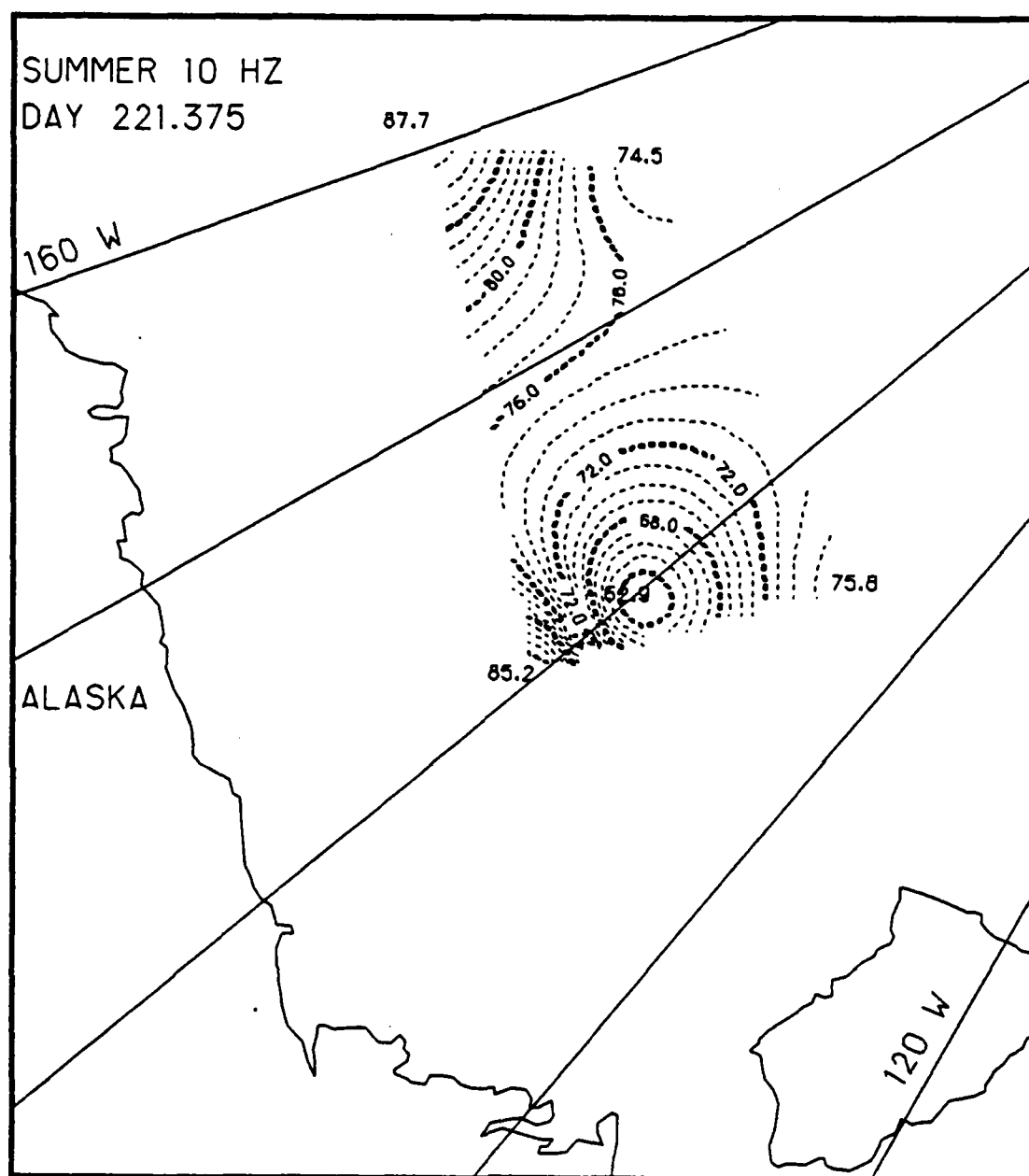


Fig. B.12. Spatial noise variations, day 221.375, based on the AIDJEX 10 Hz noise data.

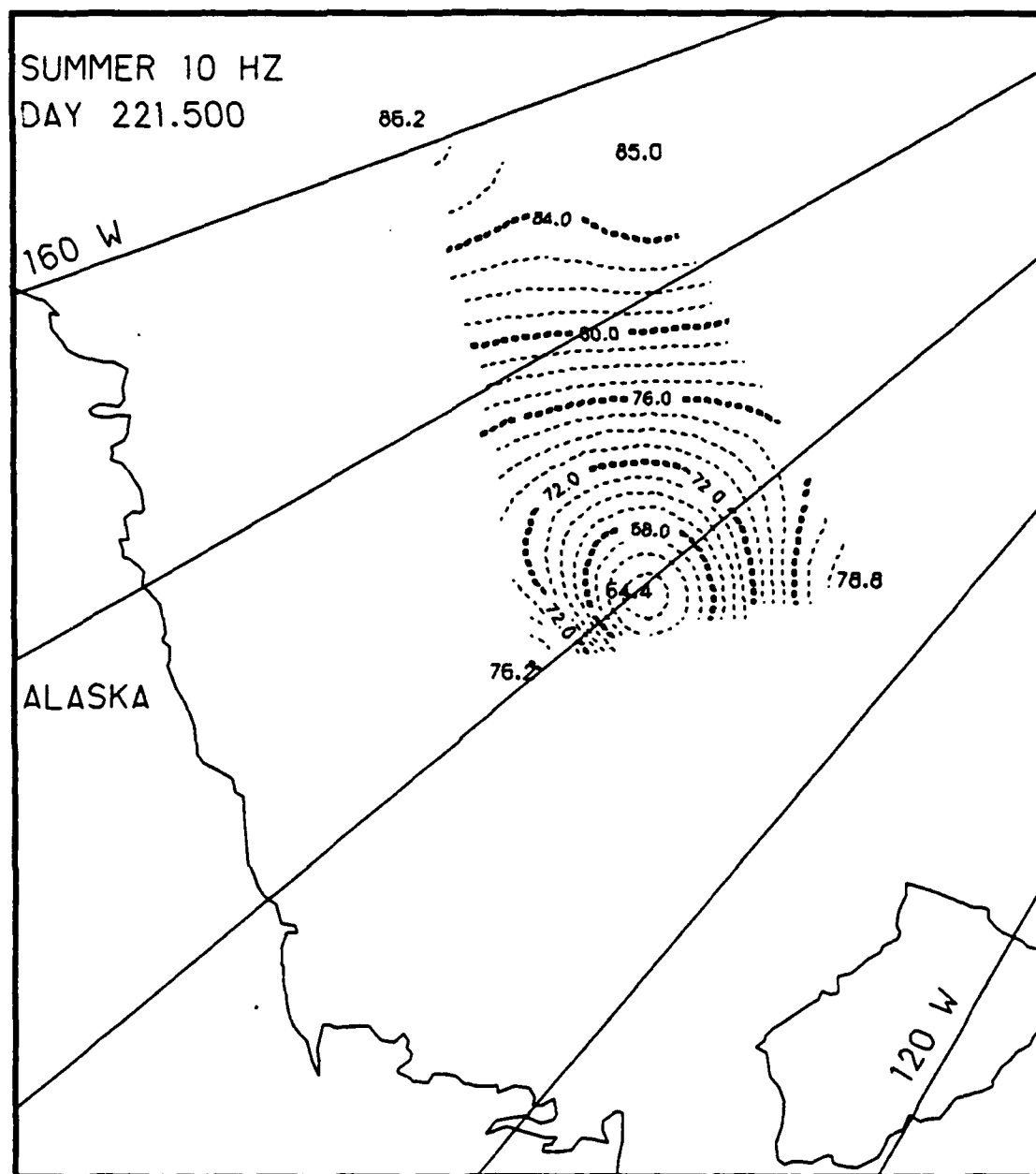


Fig. B.13. Spatial noise variations, day 221.5, based on the AIDJEX 10 Hz noise data.

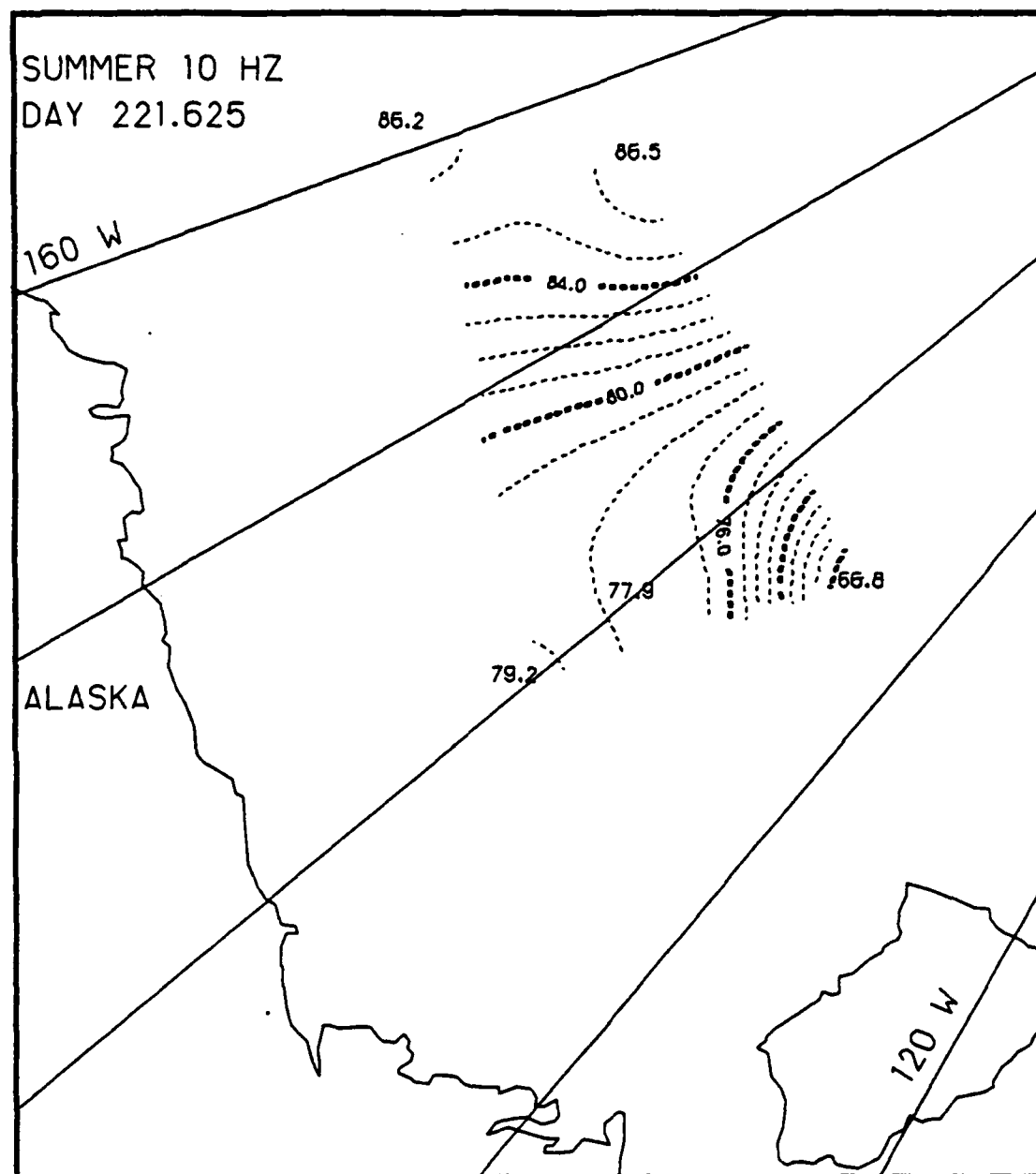


Fig. B.14. Spatial noise variations, day 221.625, based on the AIDJEX 10 Hz noise data.

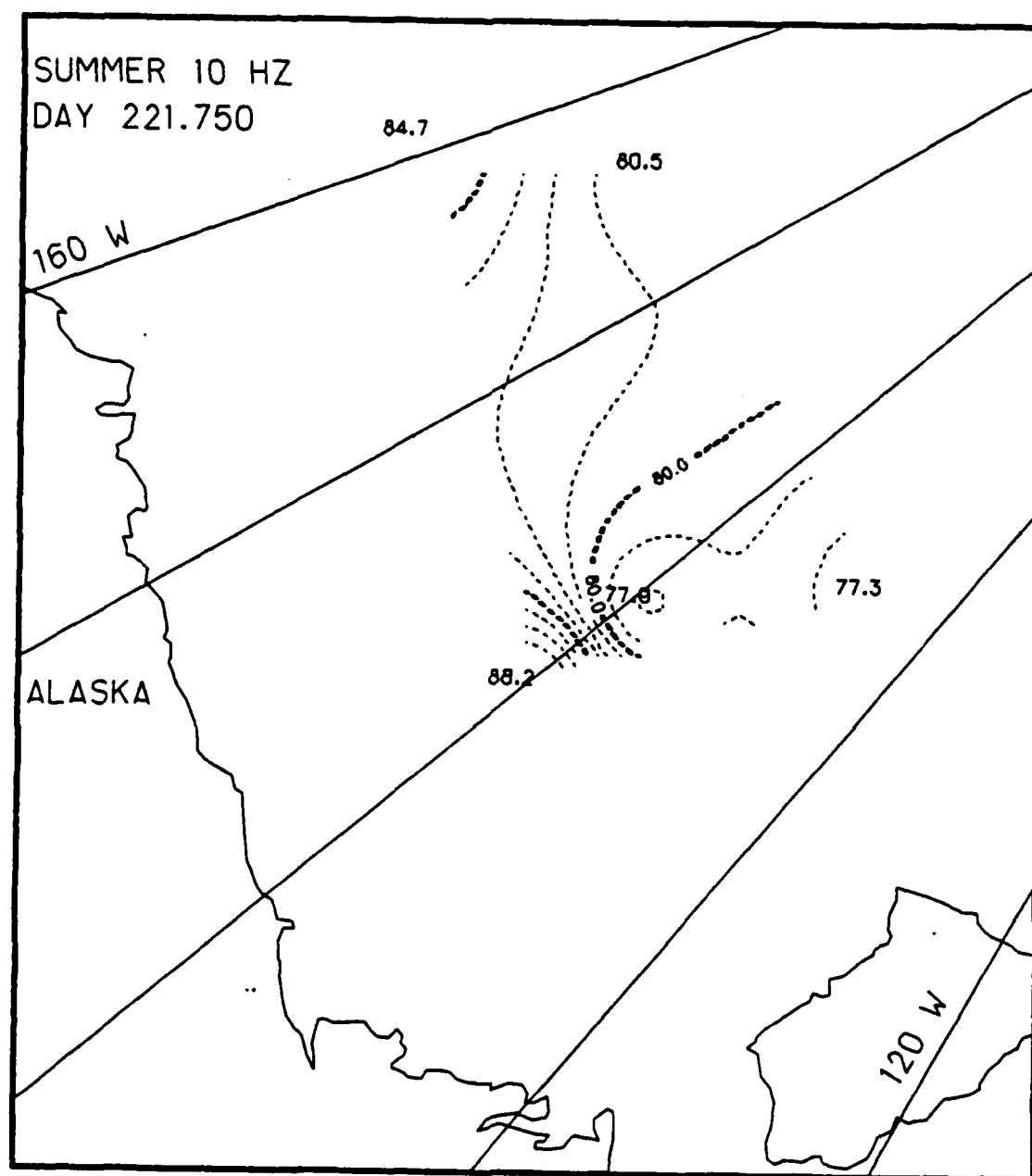


Fig. B.15. Spatial noise variations, day 221.75, based on the AIDJEX 10 Hz noise data.

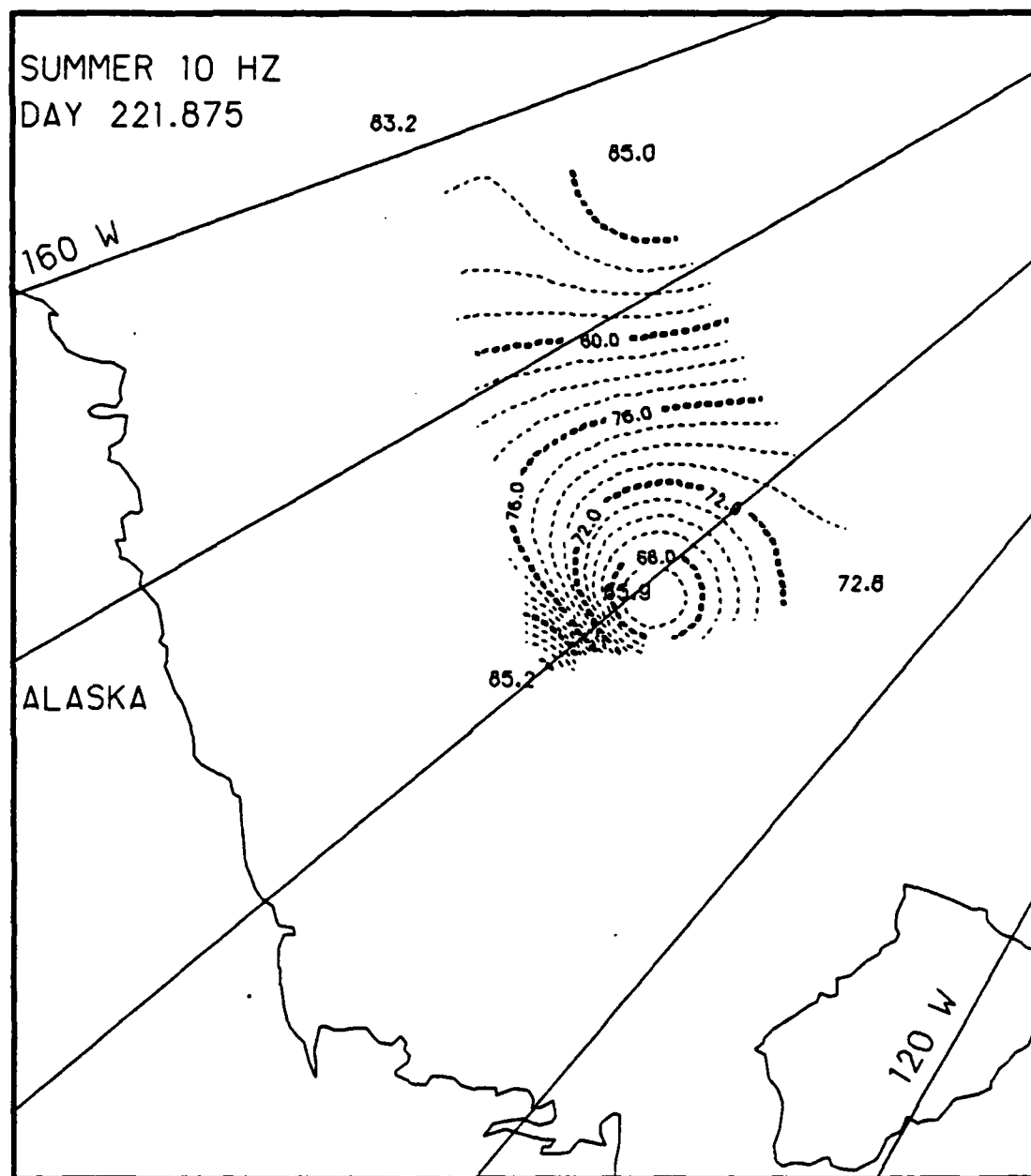


Fig. B.16. Spatial noise variations, day 221.875, based on the AIDJEX 10 Hz noise data.

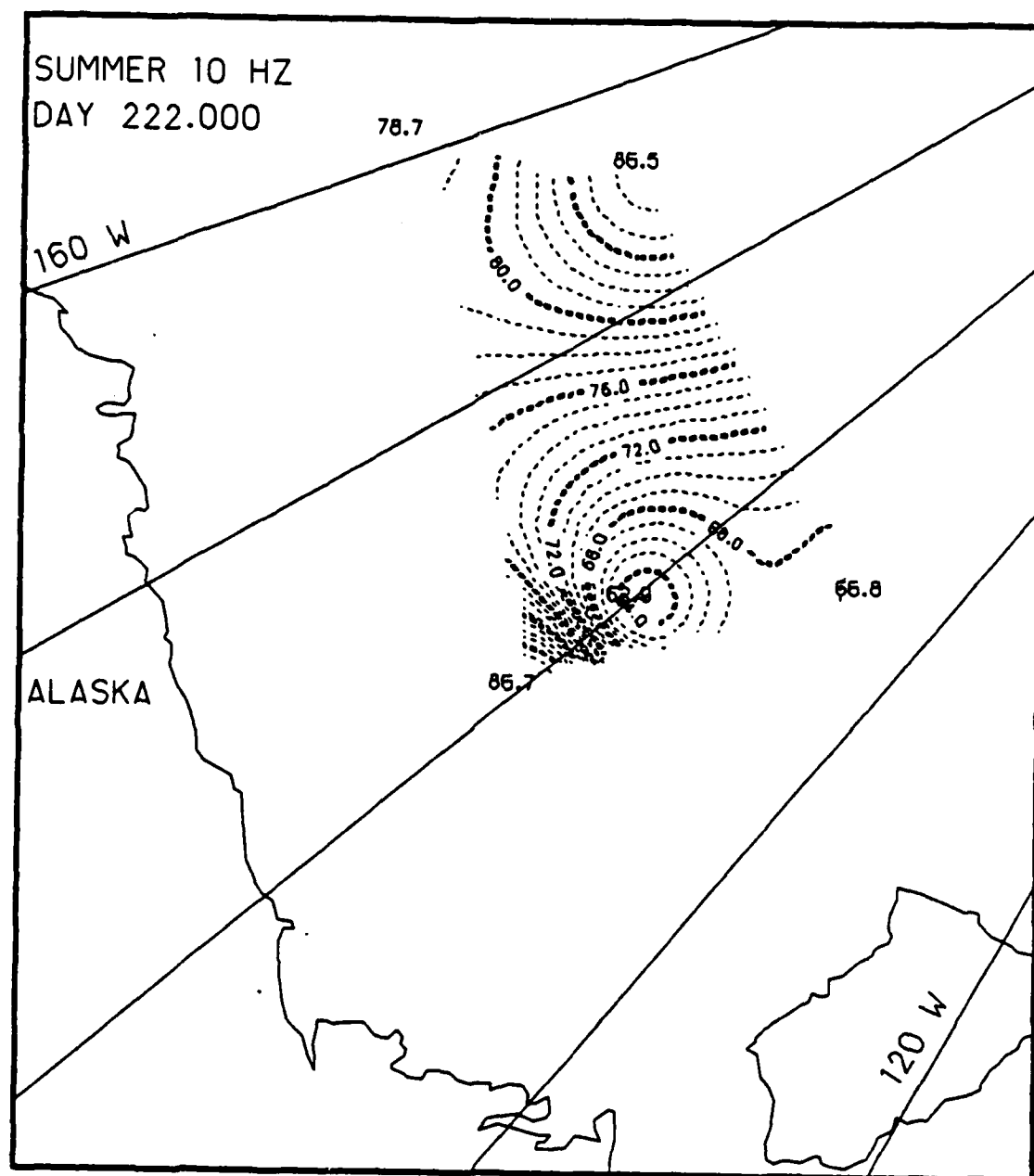


Fig. B.17. Spatial noise variations, day 222.0, based on the AIDJEX 10 Hz noise data.

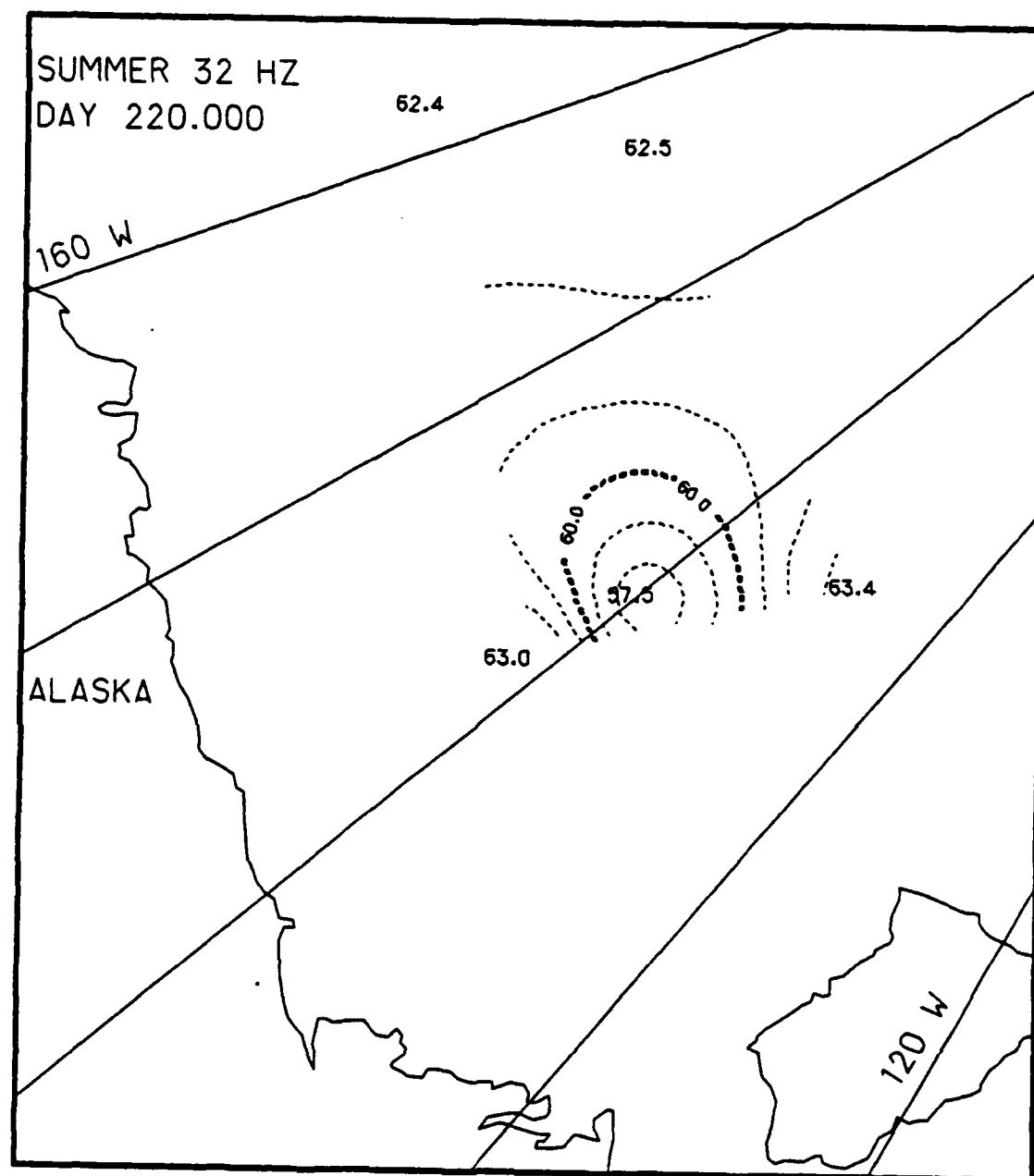


Fig. B.18. Spatial noise variations, day 220.0, based on the AIDJEX 32 Hz noise data.

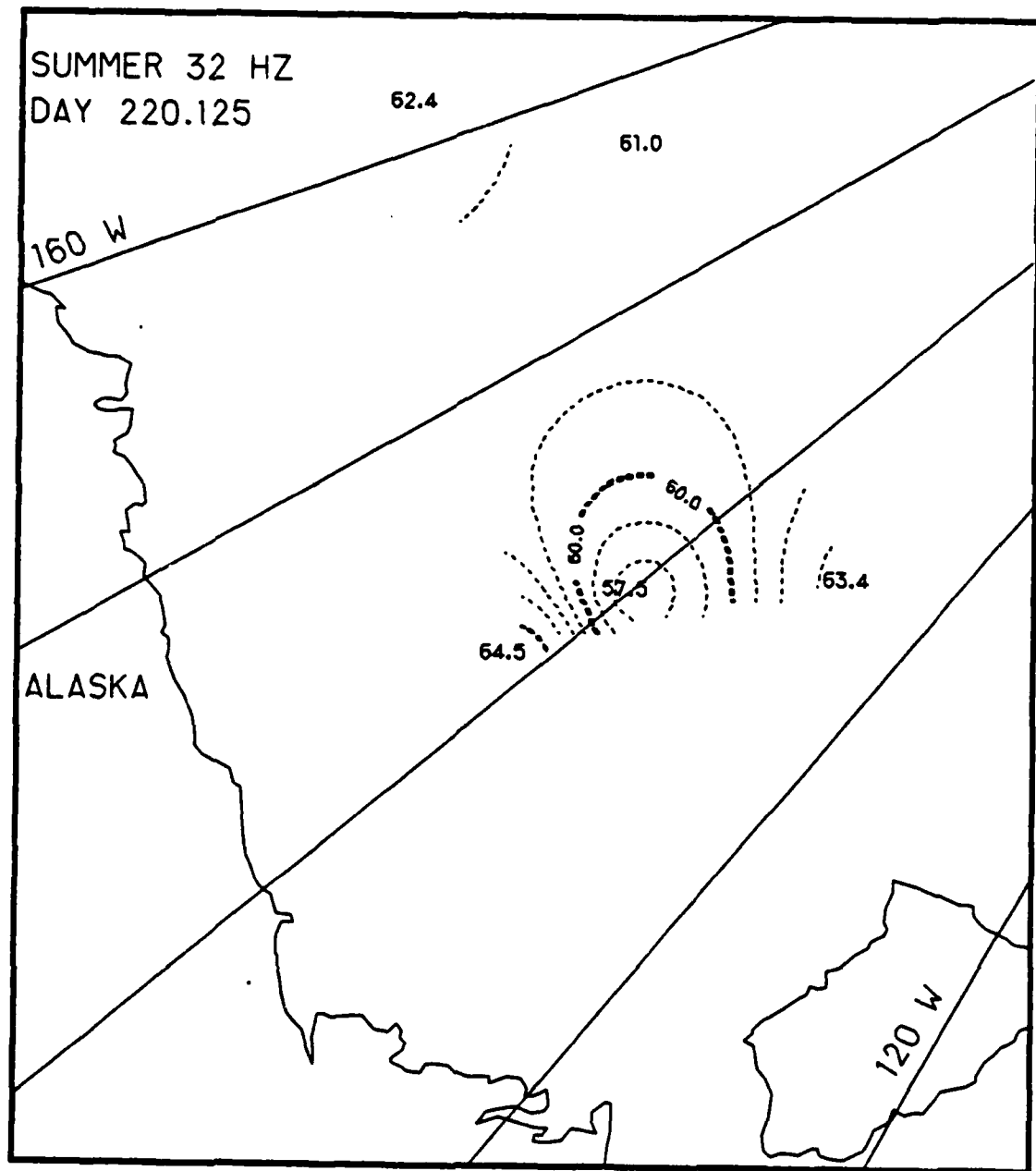


Fig. B.19. Spatial noise variations, day 220.125, based on the AIDJEX 32 Hz noise data.

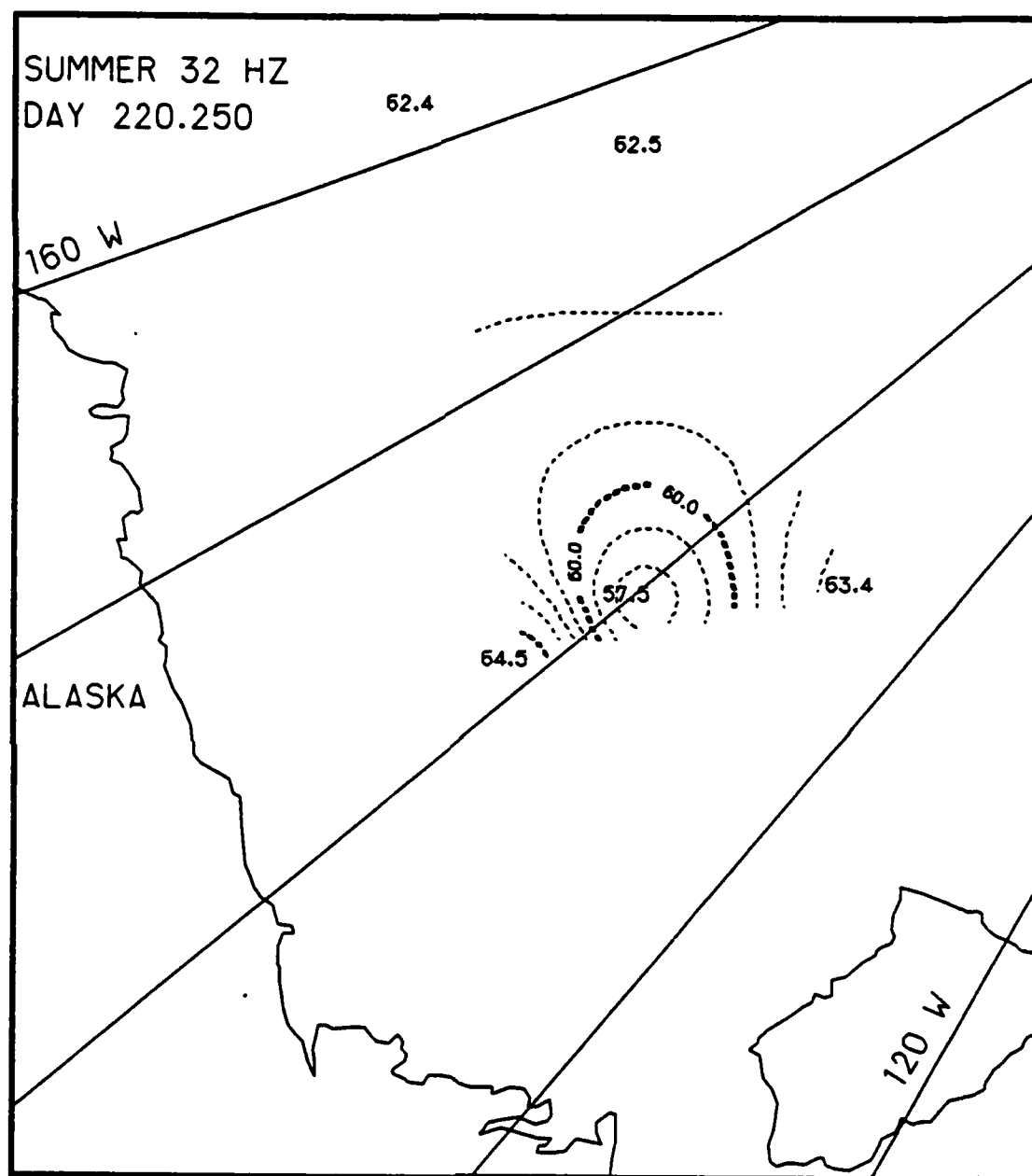


Fig. B.20. Spatial noise variations, day 220.25, based on the AIDJEX 32 Hz noise data.

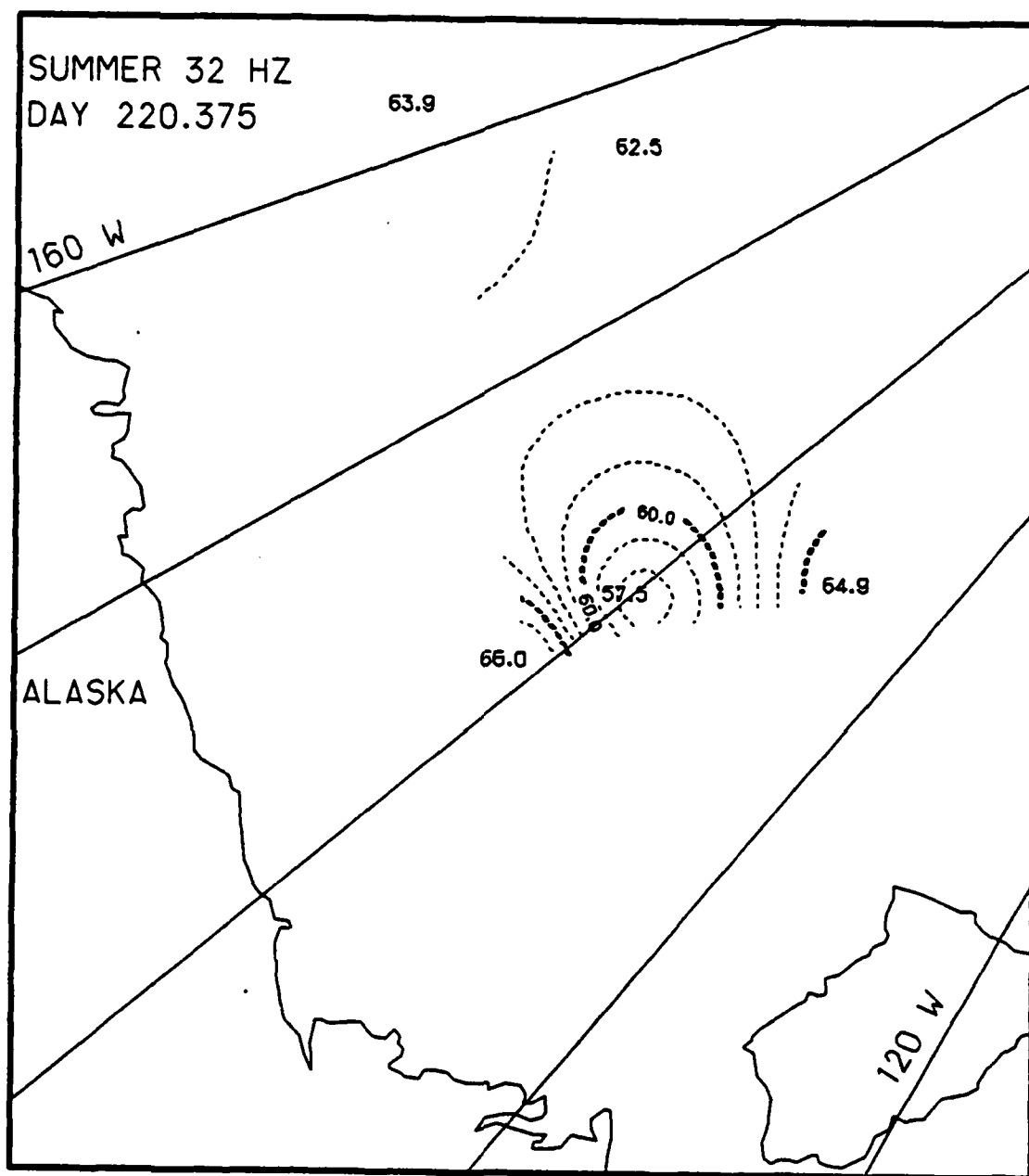


Fig. B.21. Spatial noise variations, day 220.375, based on the AIDJEX 32 Hz noise data.

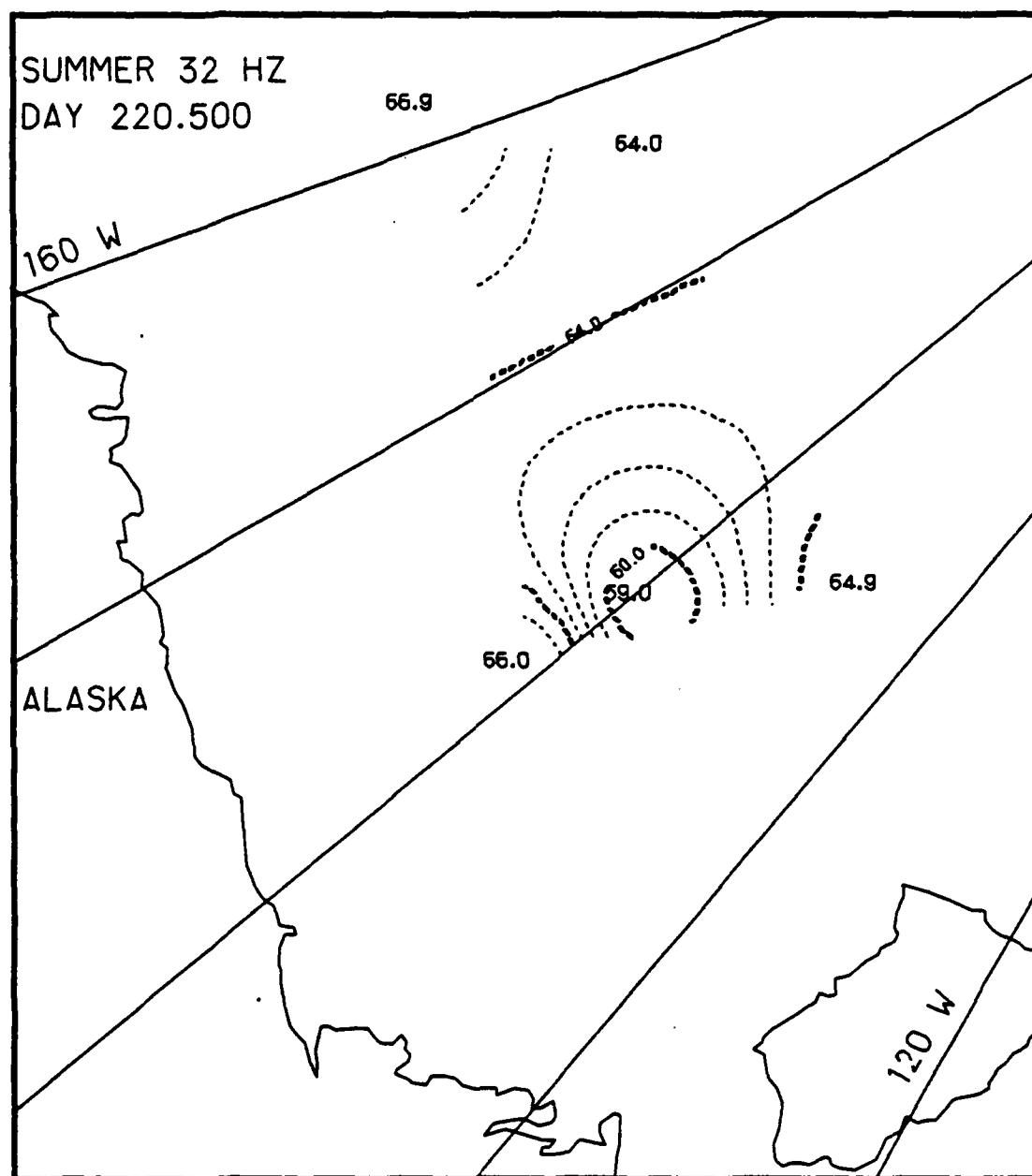


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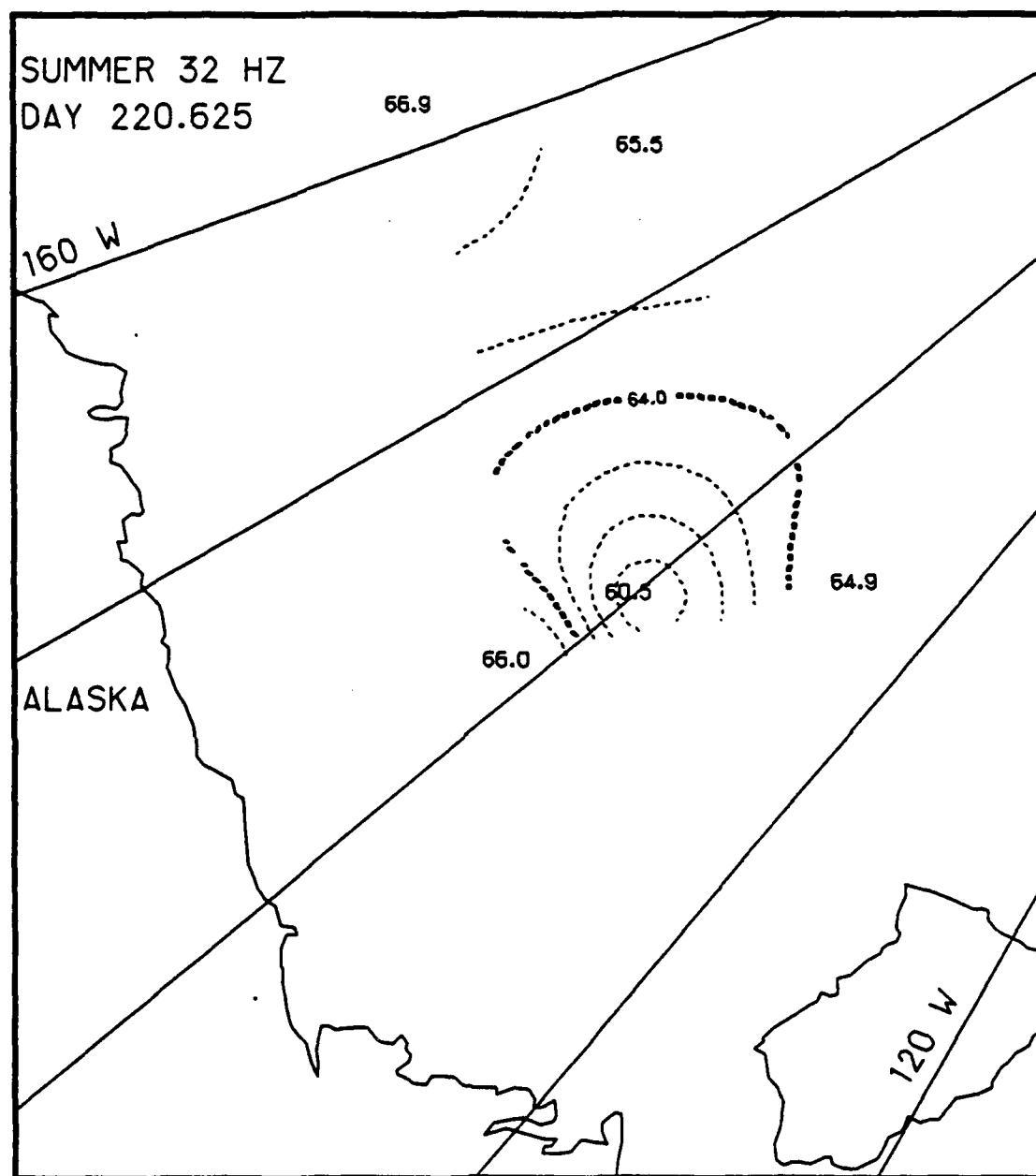


Fig. B.23. Spatial noise variations, day 220.625, based on the AIDJEX 32 Hz noise data.

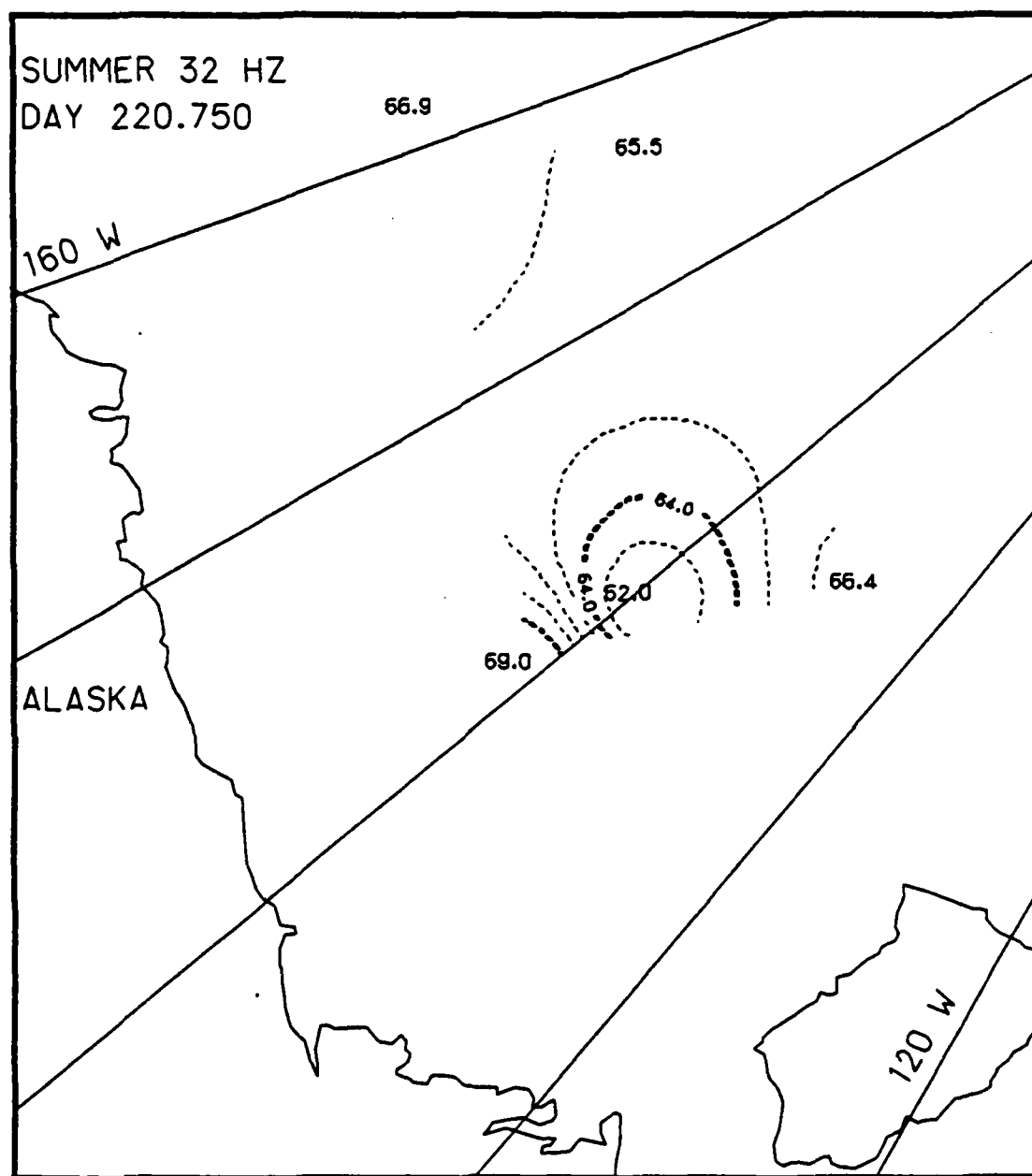


Fig. B.24. Spatial noise variations, day 220.75, based on the AIDJEX 32 Hz noise data.

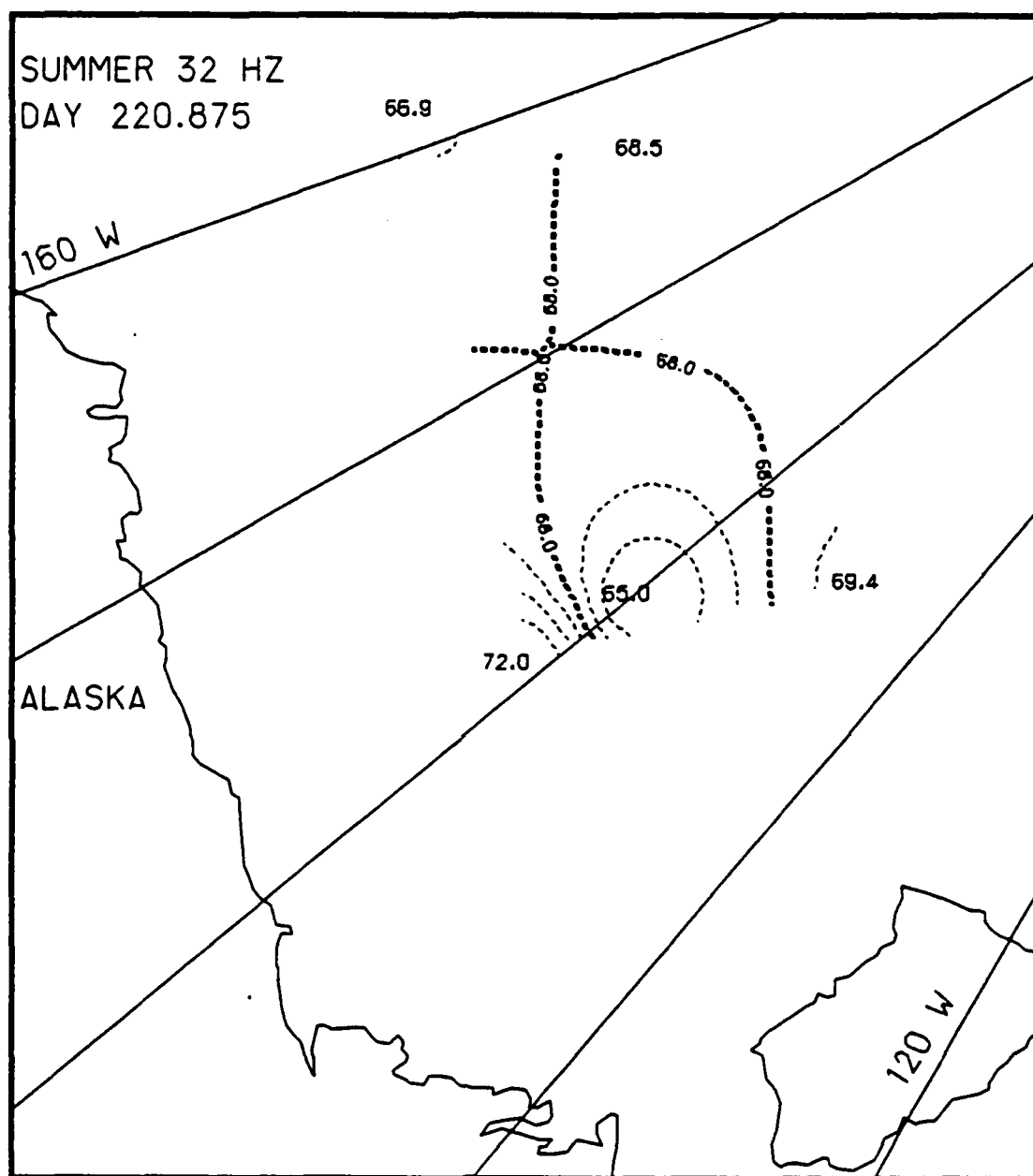


Fig. B.25. Spatial noise variations, day 220.875, based on the AIDJEX 32 Hz noise data.

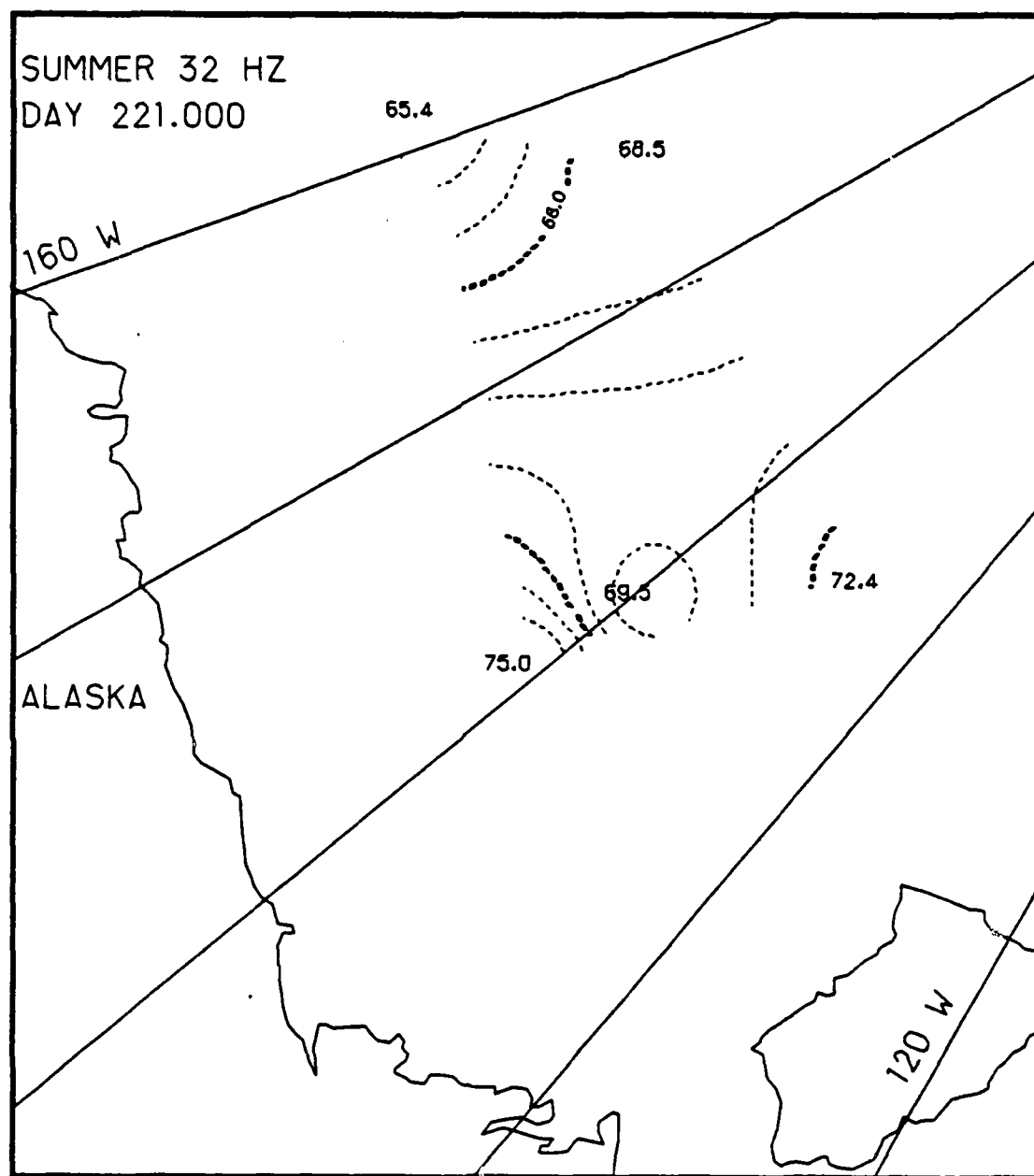


Fig. B.26. Spatial noise variations, day 221.0, based on the AIDJEX 32 Hz noise data.

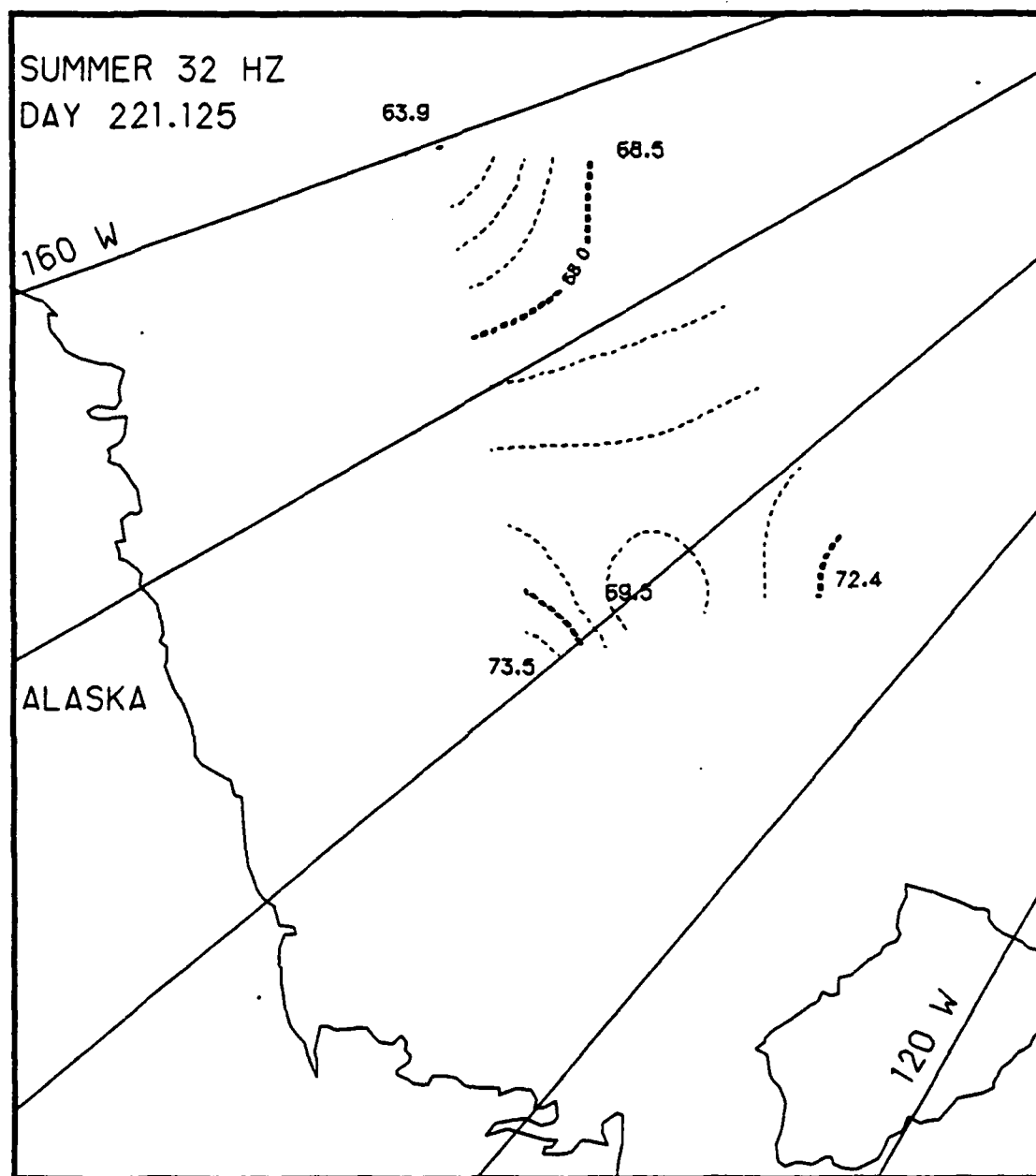


Fig. B.27. Spatial noise variations, day 221.125, based on the AIDJEX 32 Hz noise data.

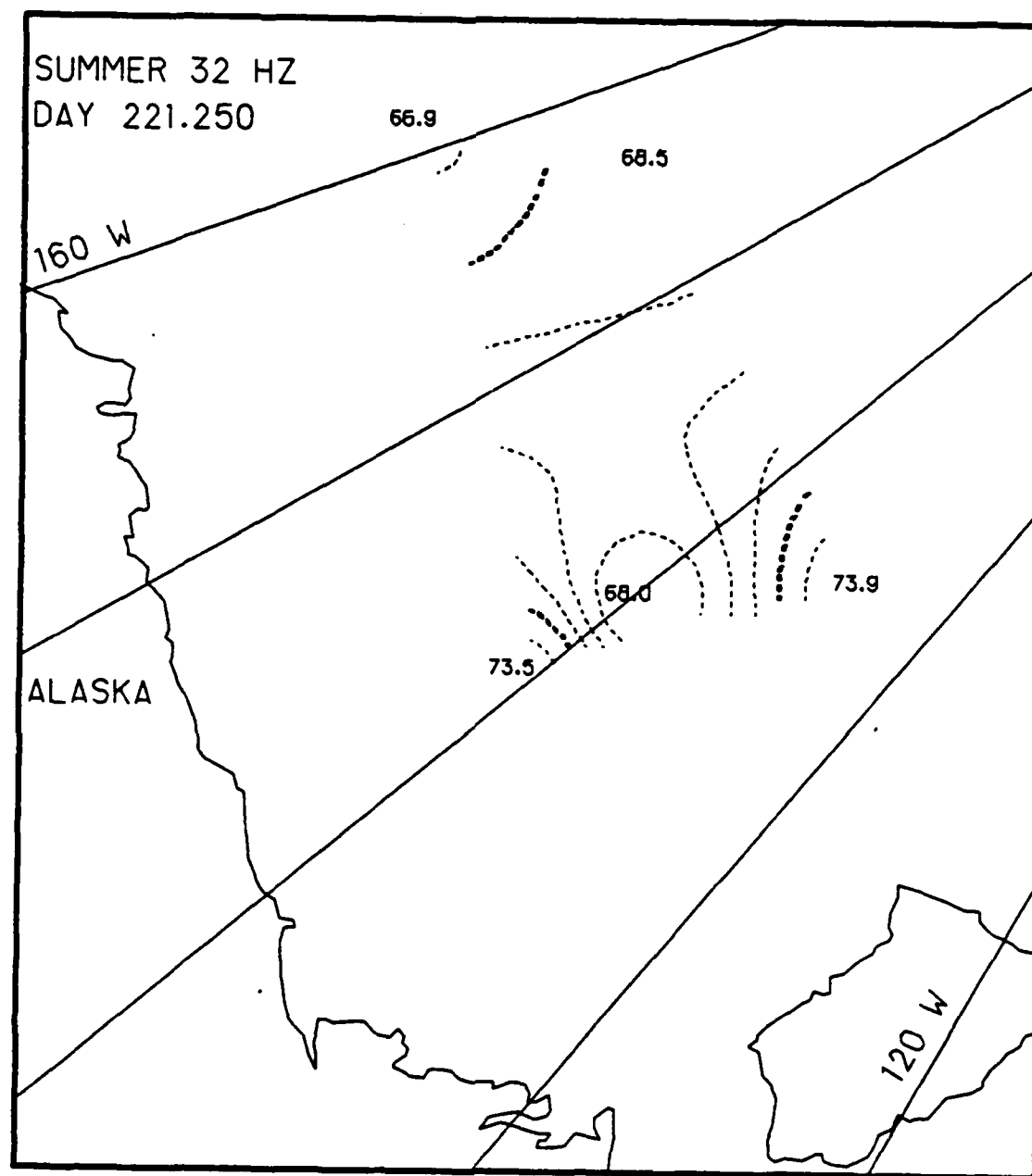


Fig. B.28. Spatial noise variations, day 221.25, based on the AIDJEX 32 Hz noise data.

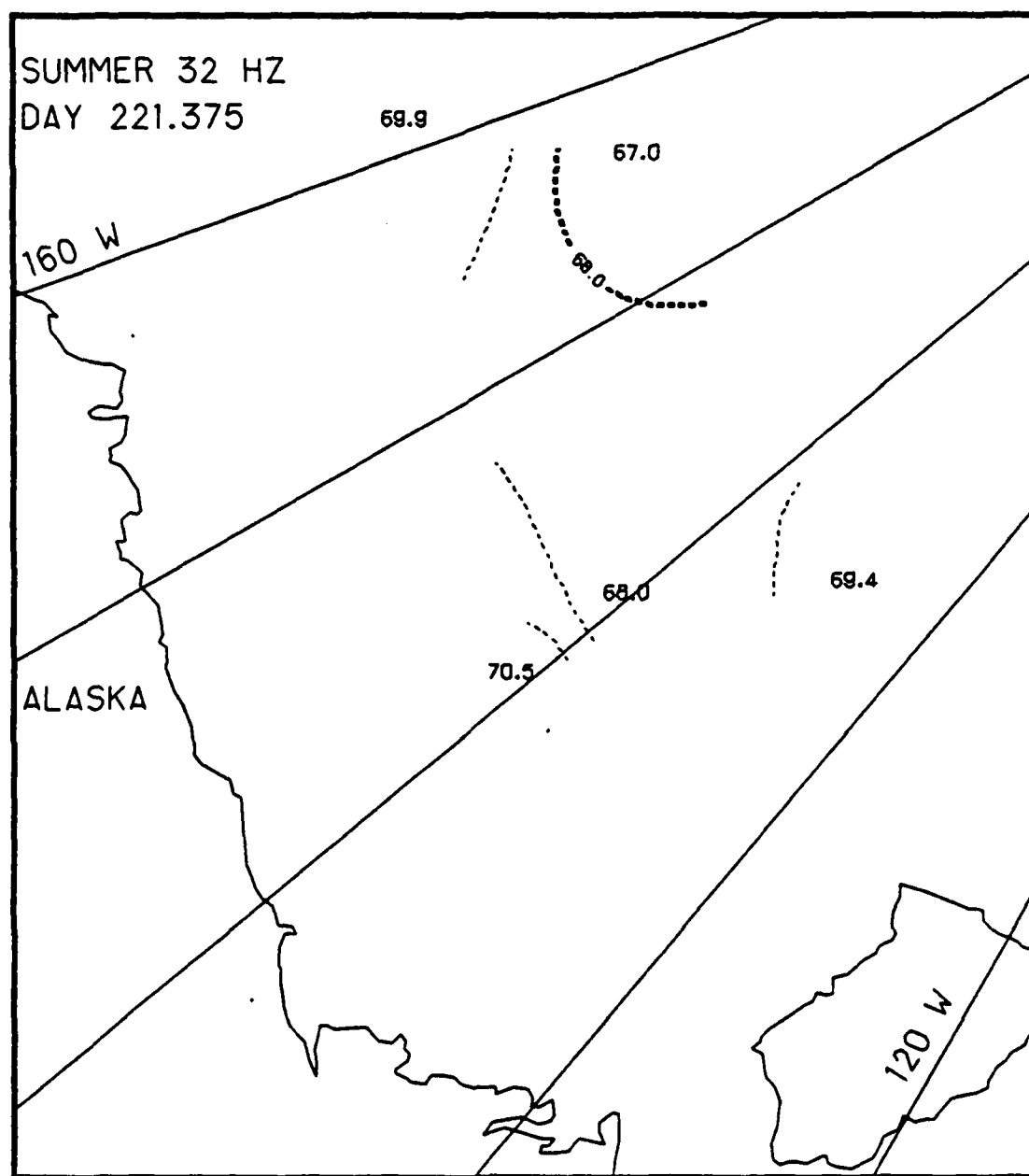


Fig. B.29. Spatial noise variations, day 221.375, based on the AIDJEX 32 Hz noise data.

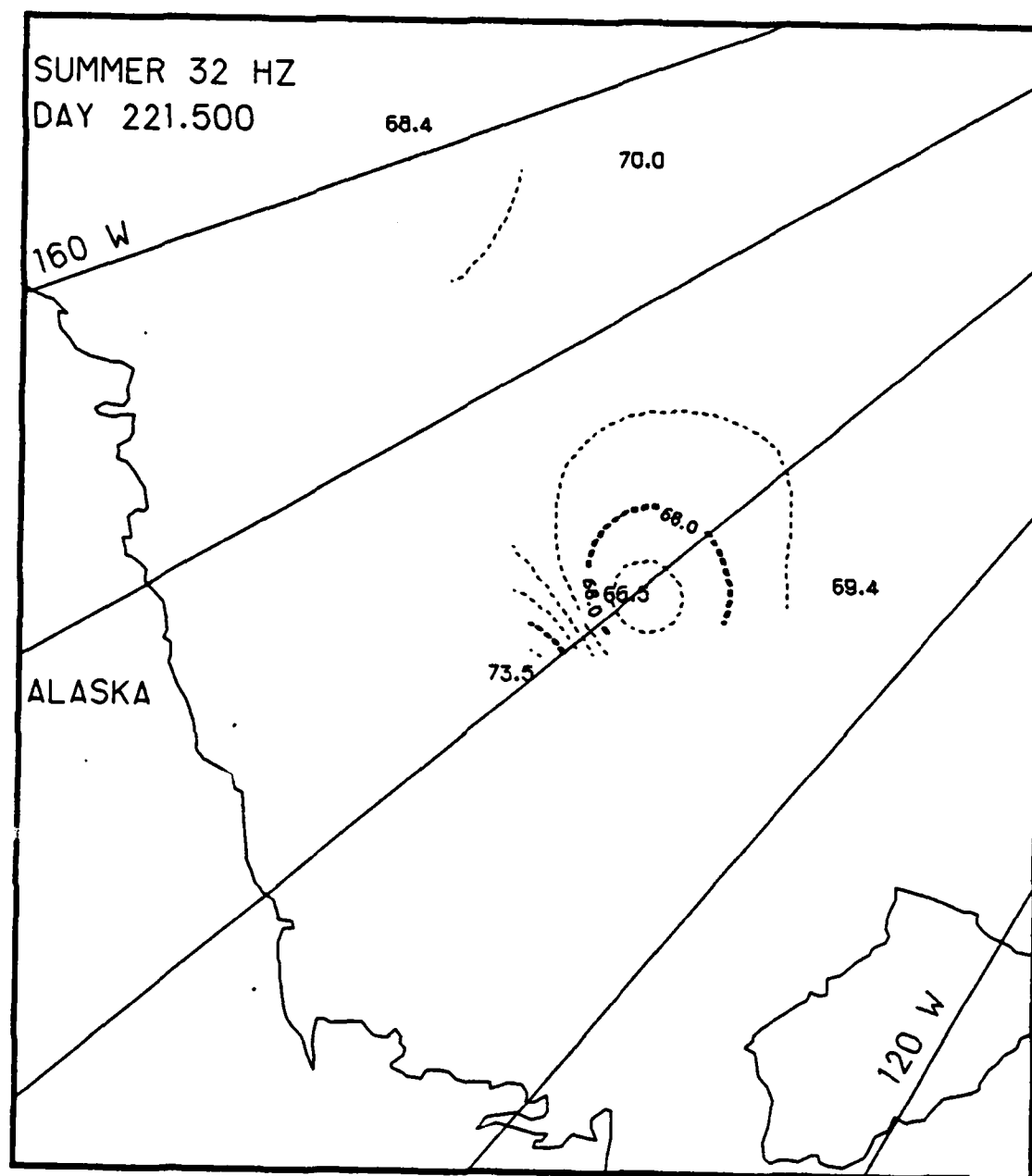


Fig. B.30. Spatial noise variations, day 221.5, based on the AIDJEX 32 Hz noise data.

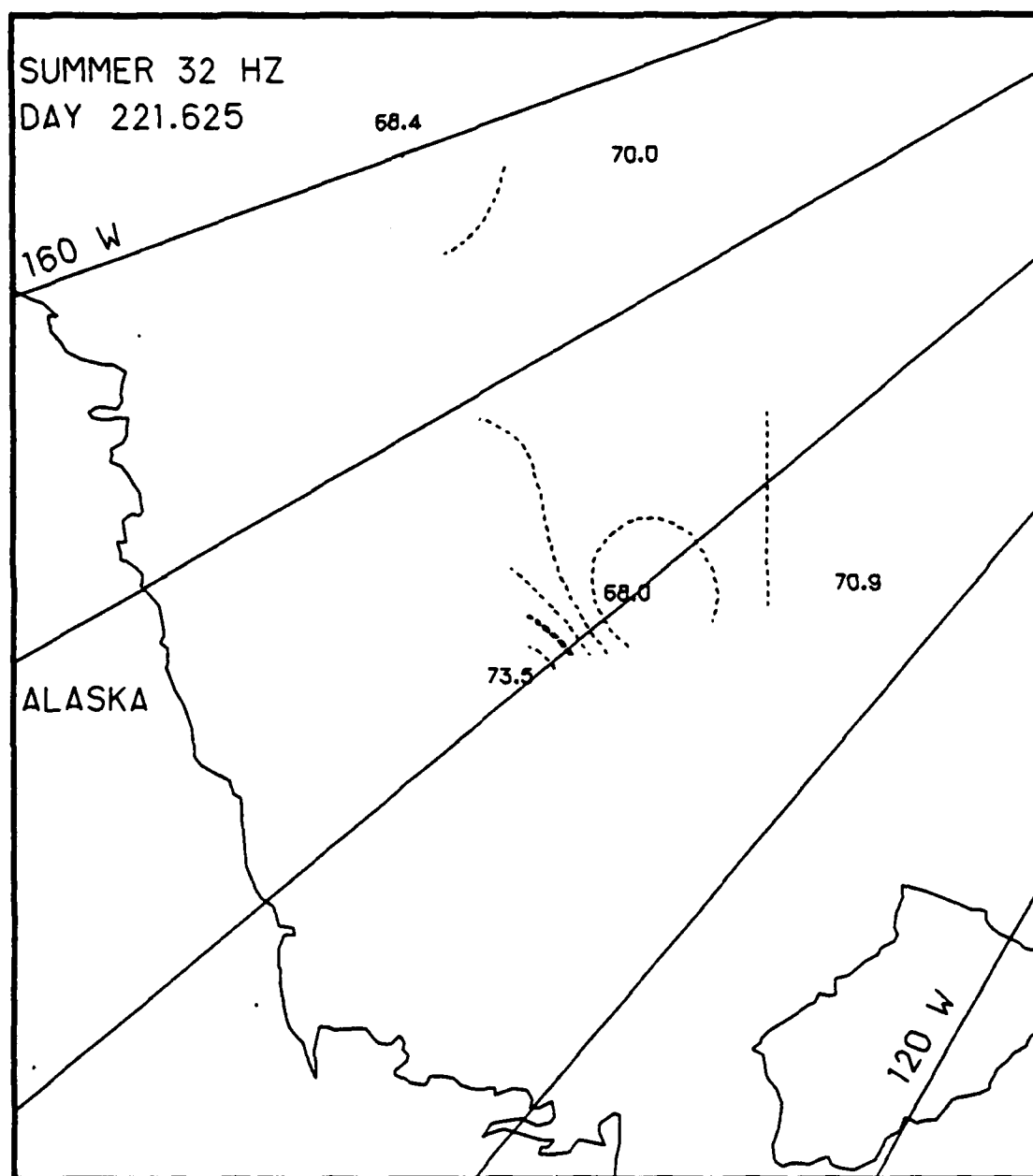


Fig. B.31. Spatial noise variations, day 221.625, based on the AIDJEX 32 Hz noise data.

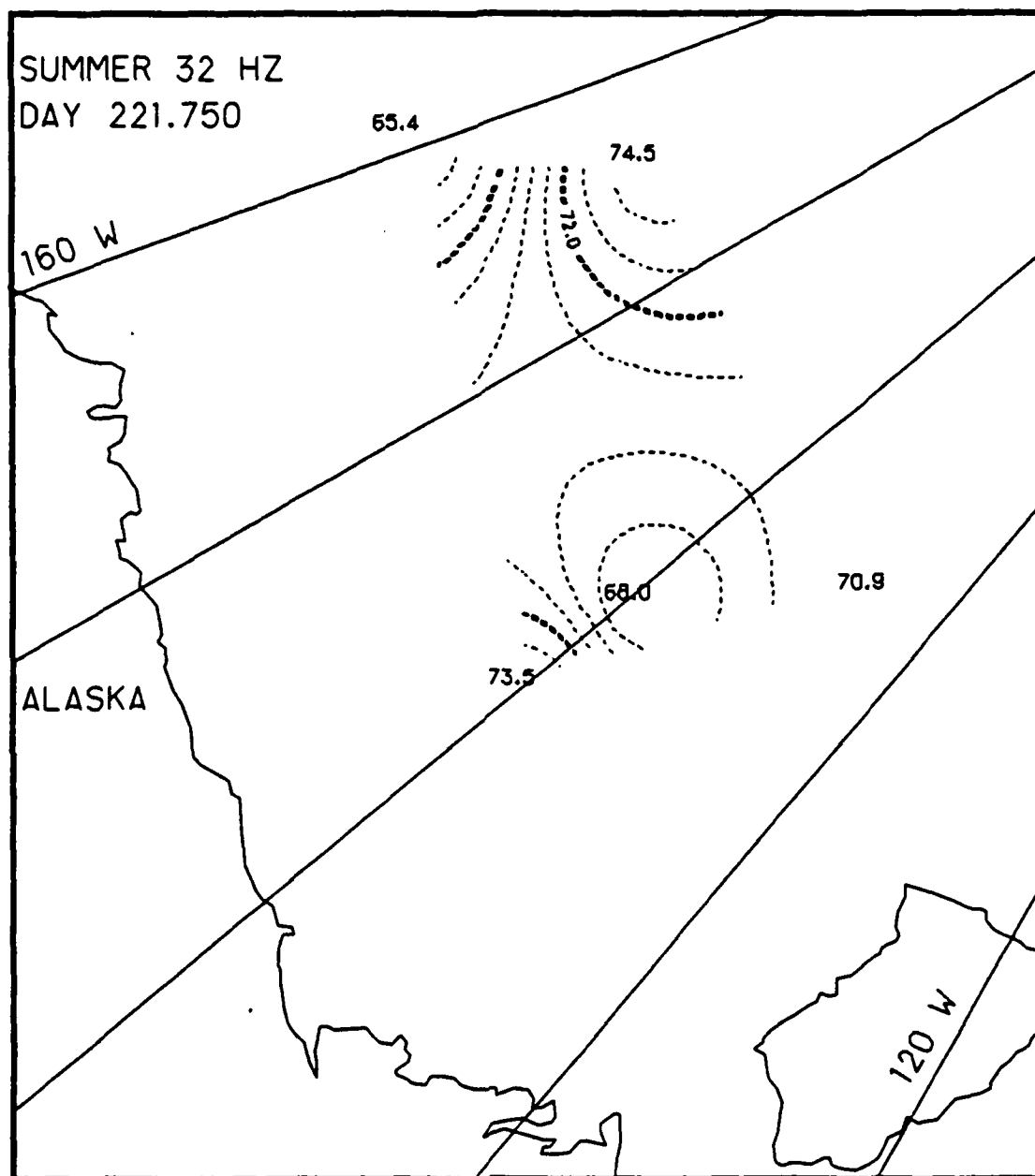


Fig. B.32. Spatial noise variations, day 221.75, based on the AIDJEX 32 Hz noise data.

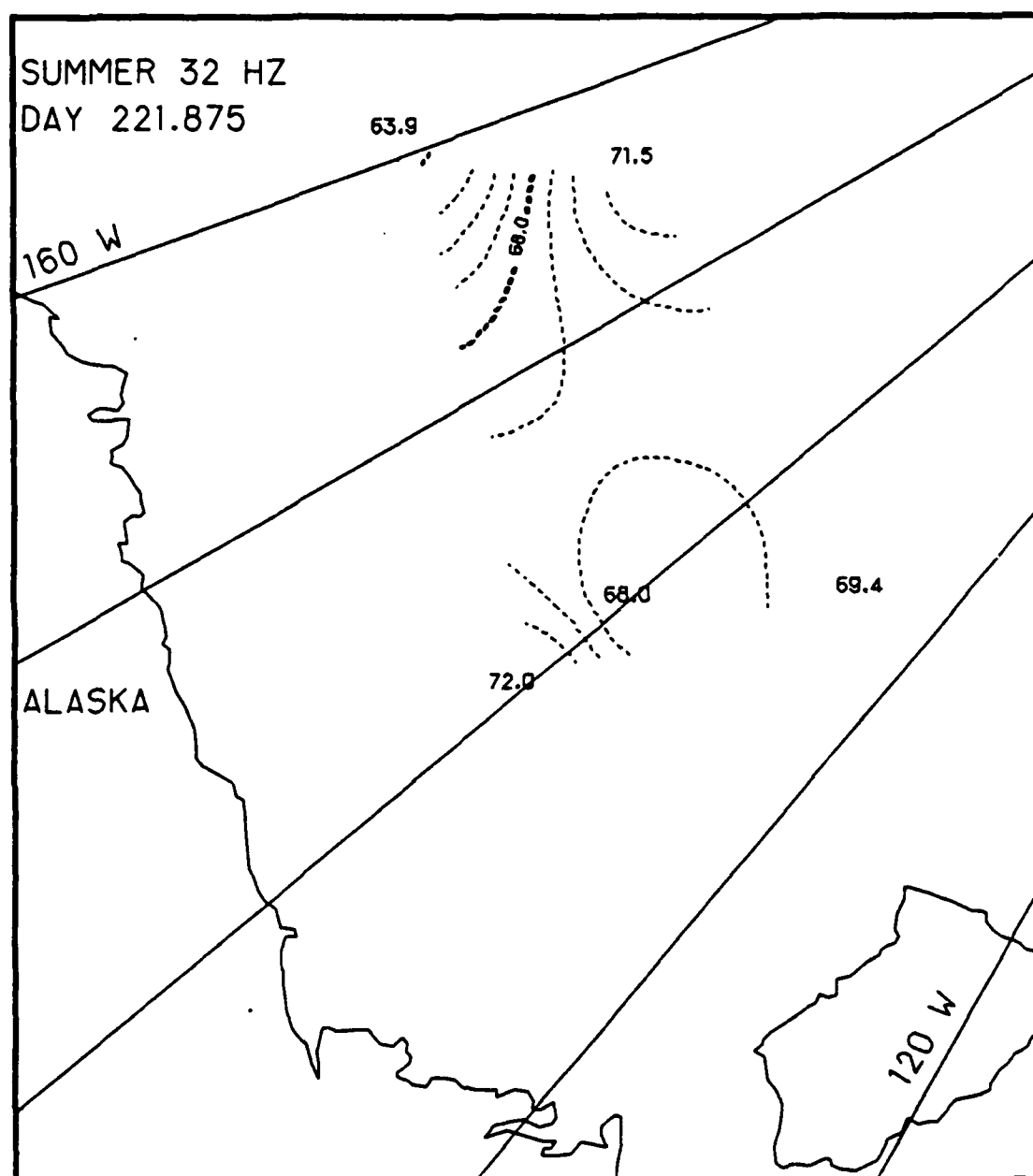


Fig. B.33. Spatial noise variations, day 221.875, based on the AIDJEX 32 Hz noise data.

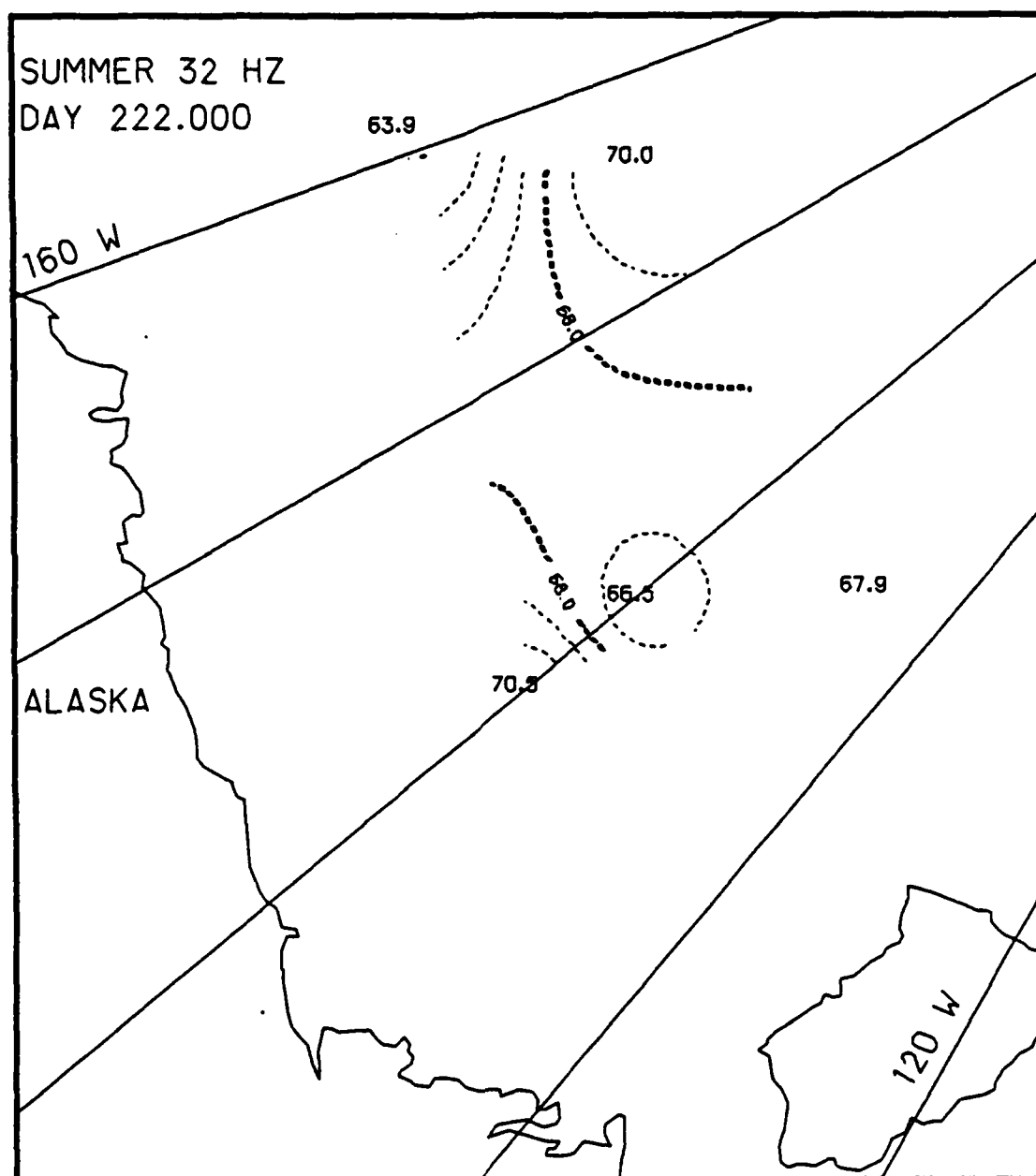


Fig. B.34. Spatial noise variations, day 222.0, based on the AIDJEX 32 Hz noise data.

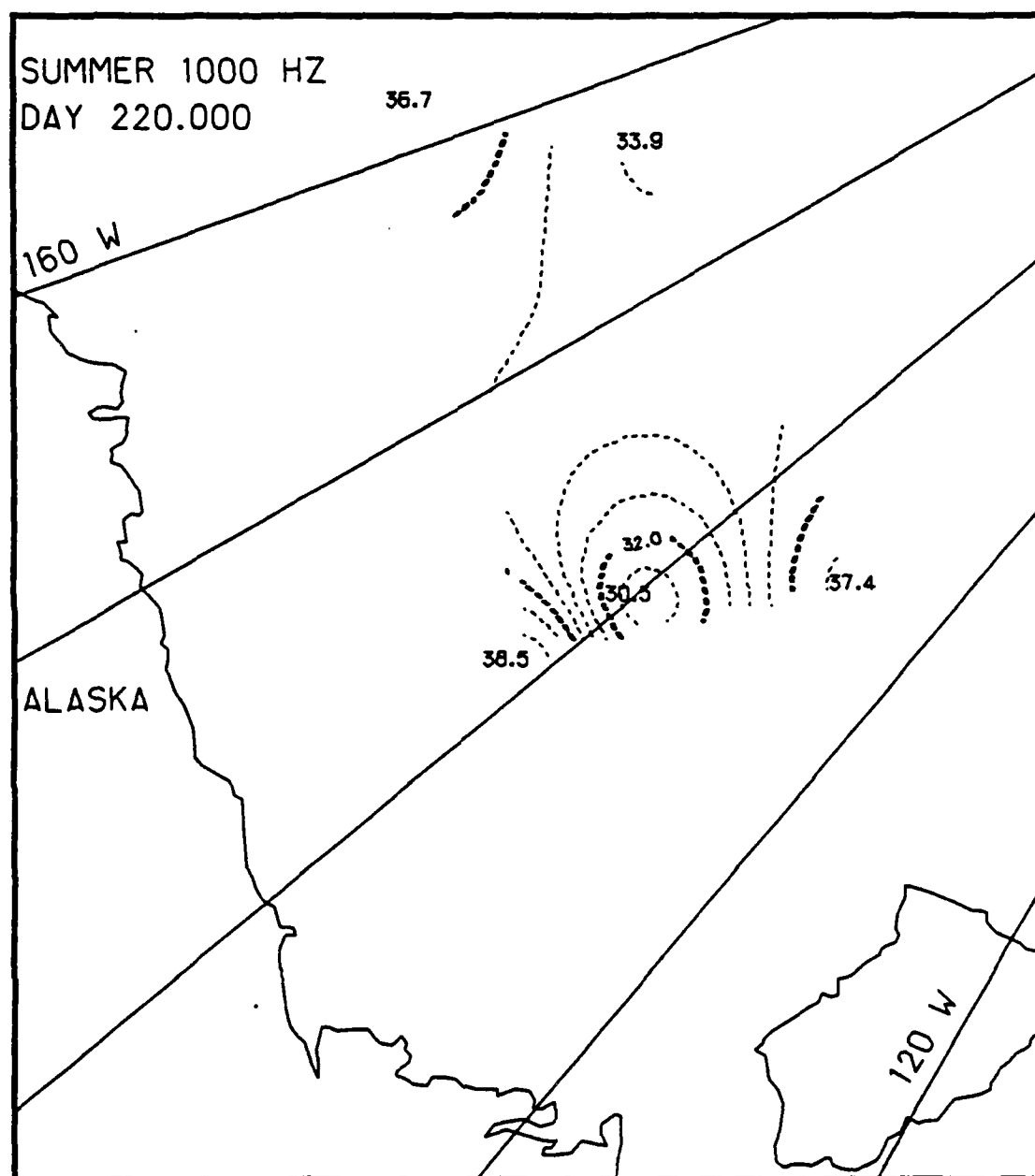


Fig. B.35. Spatial noise variations, day 220.0, based on the AIDJEX 1000 Hz noise data.

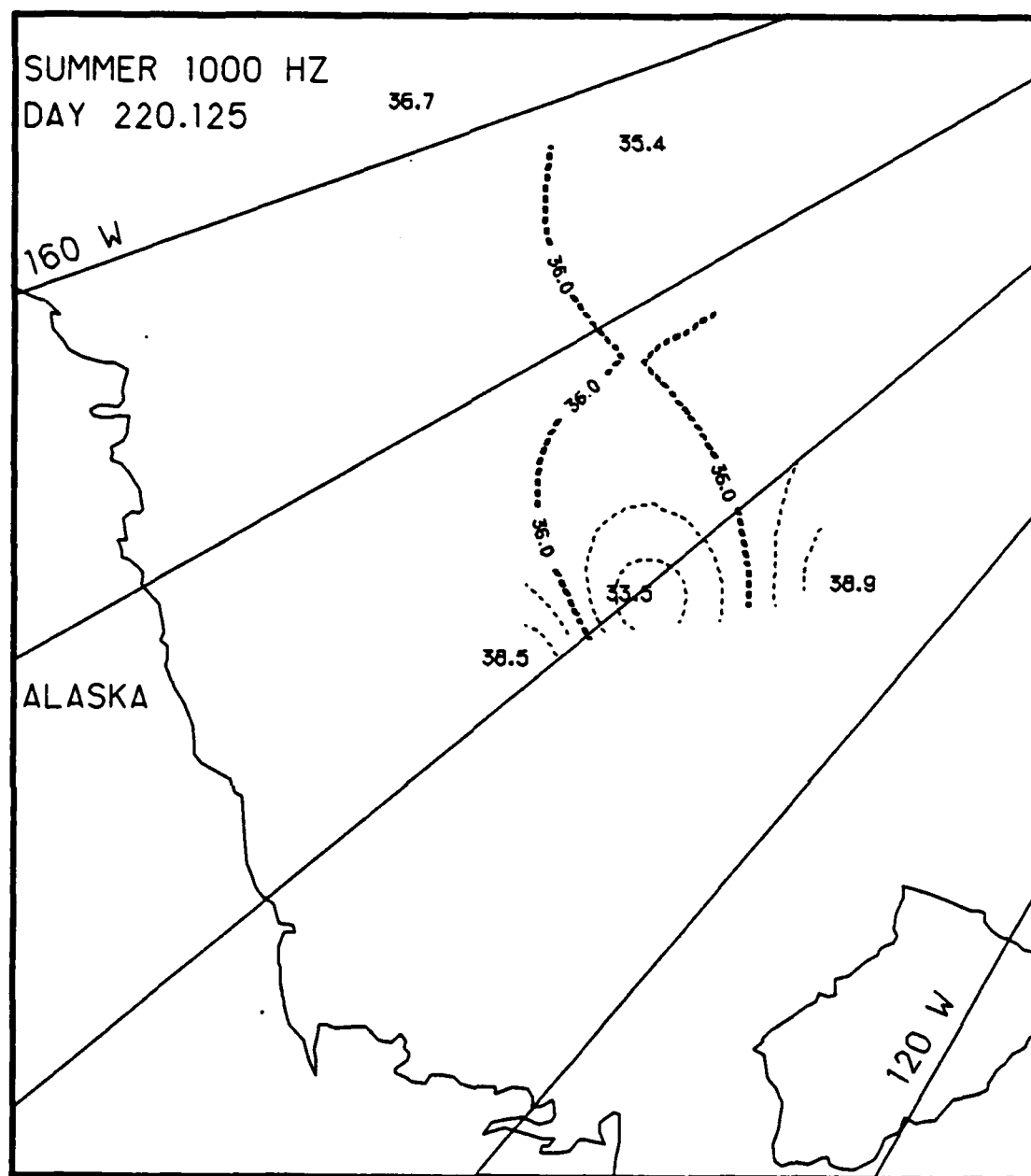


Fig. B.36. Spatial noise variations, day 220.125, based on the AIDJEX 1000 Hz noise data.

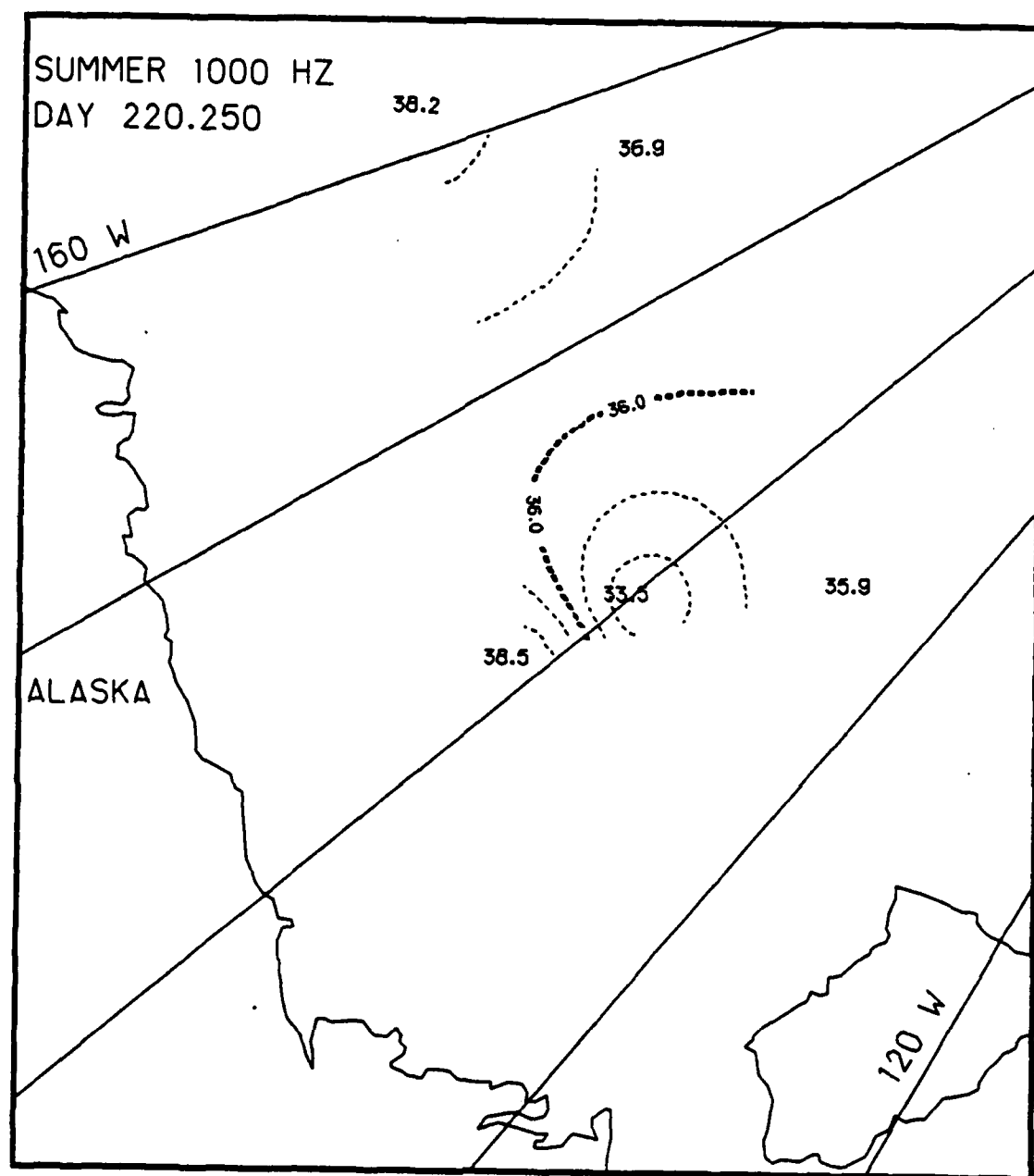


Fig. B.37. Spatial noise variations, day 220.25, based on the AIDJEX 1000 Hz noise data.

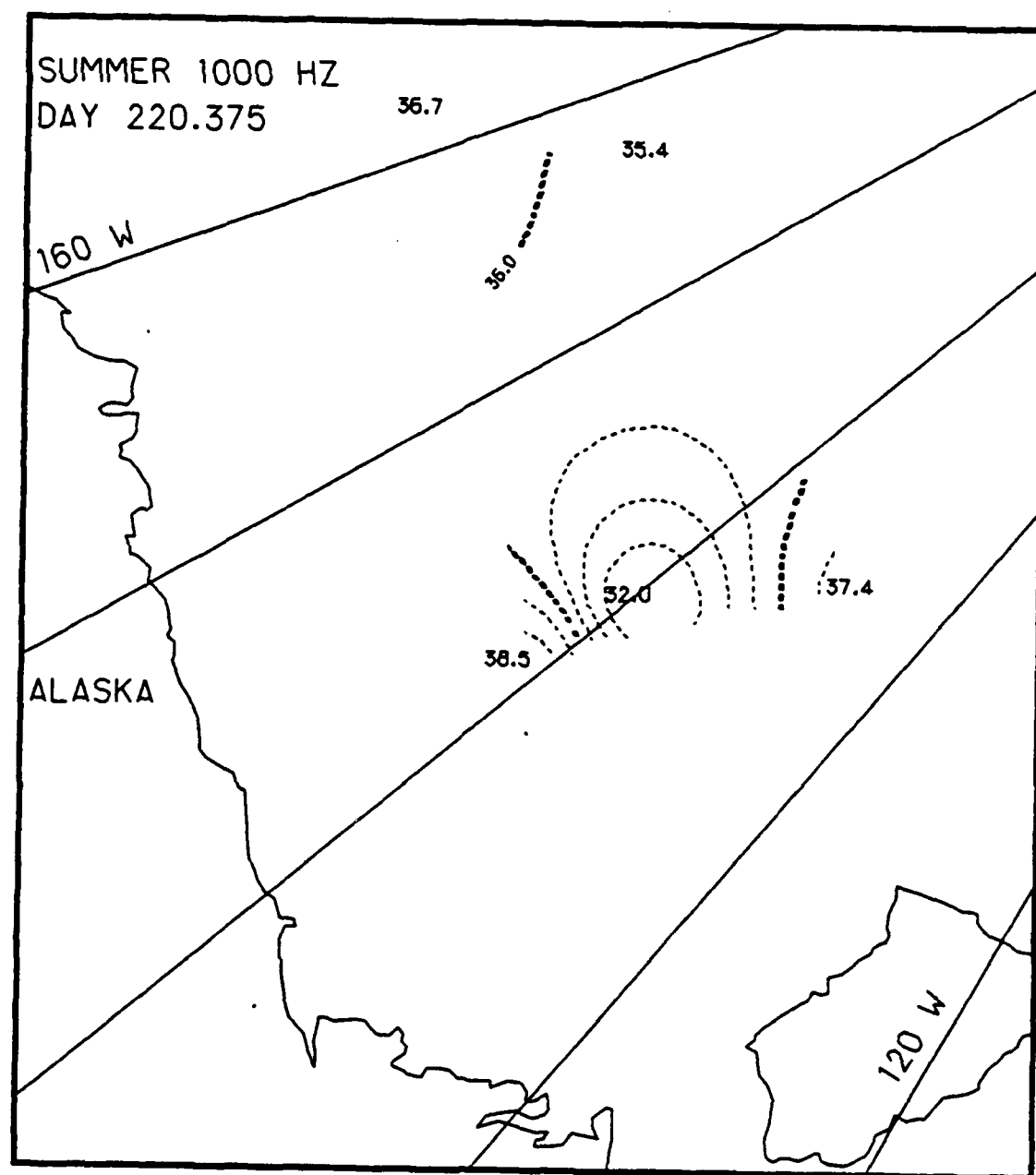


Fig. B.38. Spatial noise variations, day 220.375, based on the AIDJEX 1000 Hz noise data.

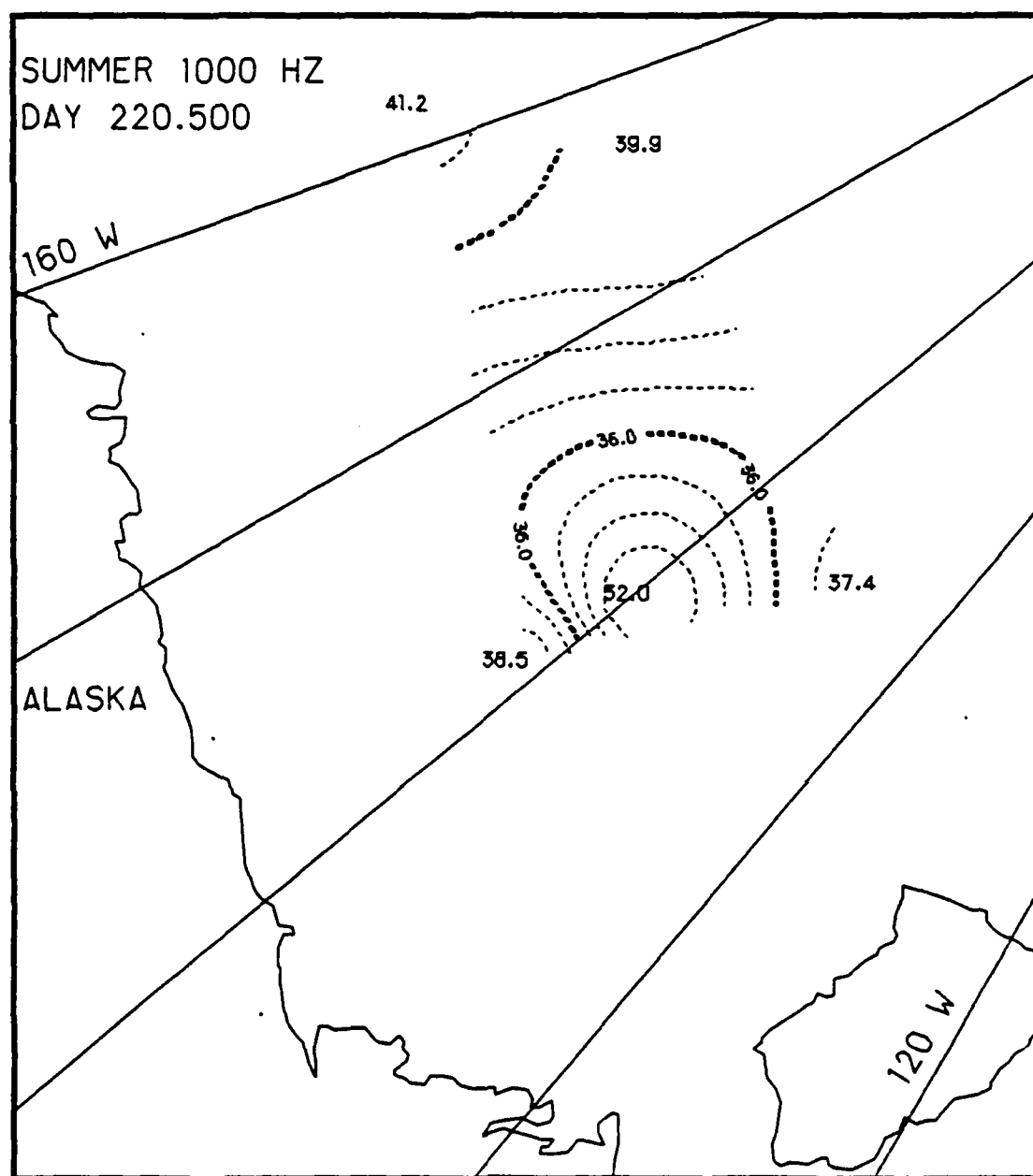


Fig. B.39. Spatial noise variations, day 220.5, based on the AIDJEX 1000 Hz noise data.

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A STUDY OF SEA ICE KINEMATICS AND THEIR RELATIONSHIP TO
ARCTIC AMBIENT NO. (U) HONEYWELL INC DUARTE CA ORDNANCE
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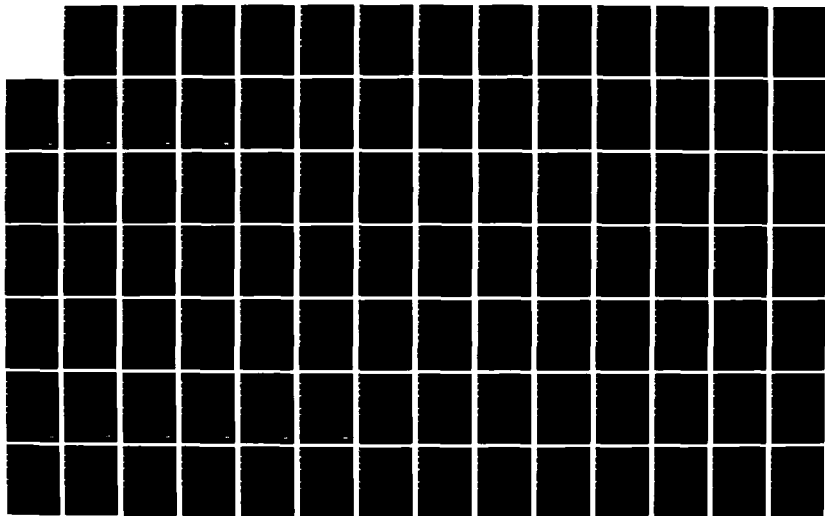
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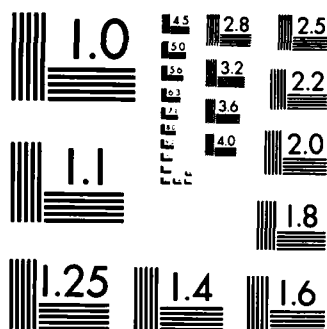
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

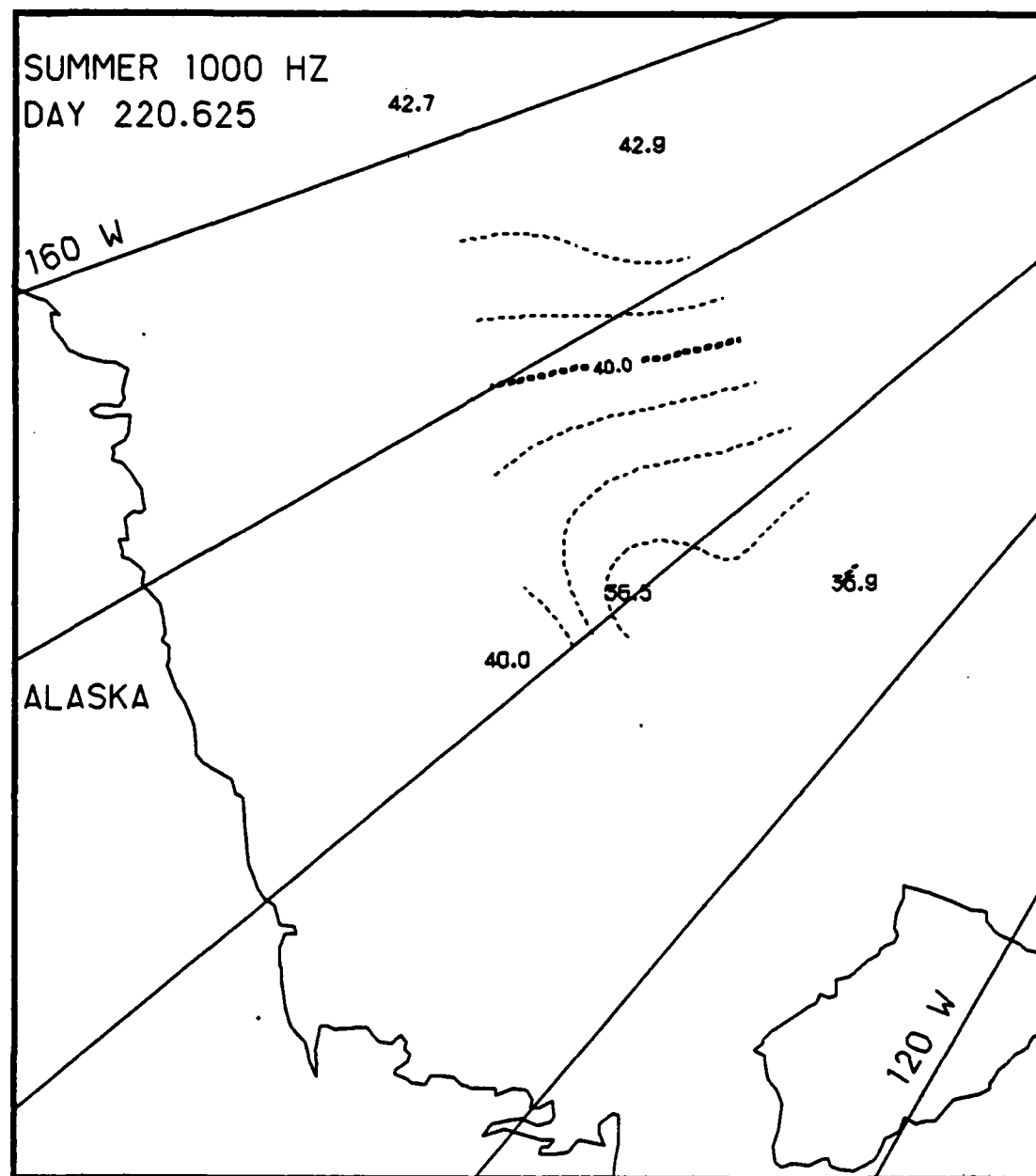


Fig. B.40. Spatial noise variations, day 220.625, based on the AIDJEX 1000 Hz noise data.

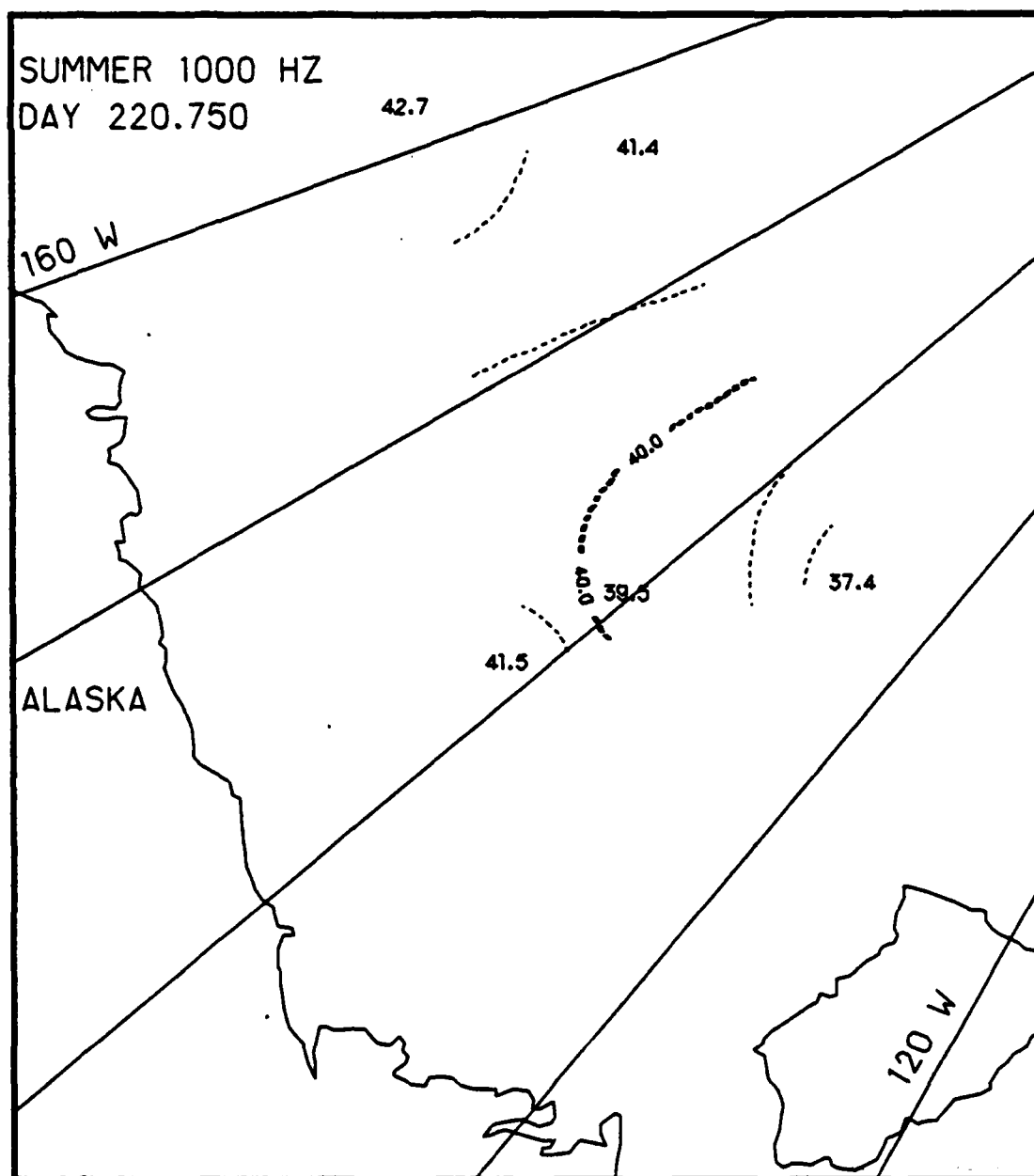


Fig. B.41. Spatial noise variations, day 220.75, based on the AIDJEX 1000 Hz noise data.

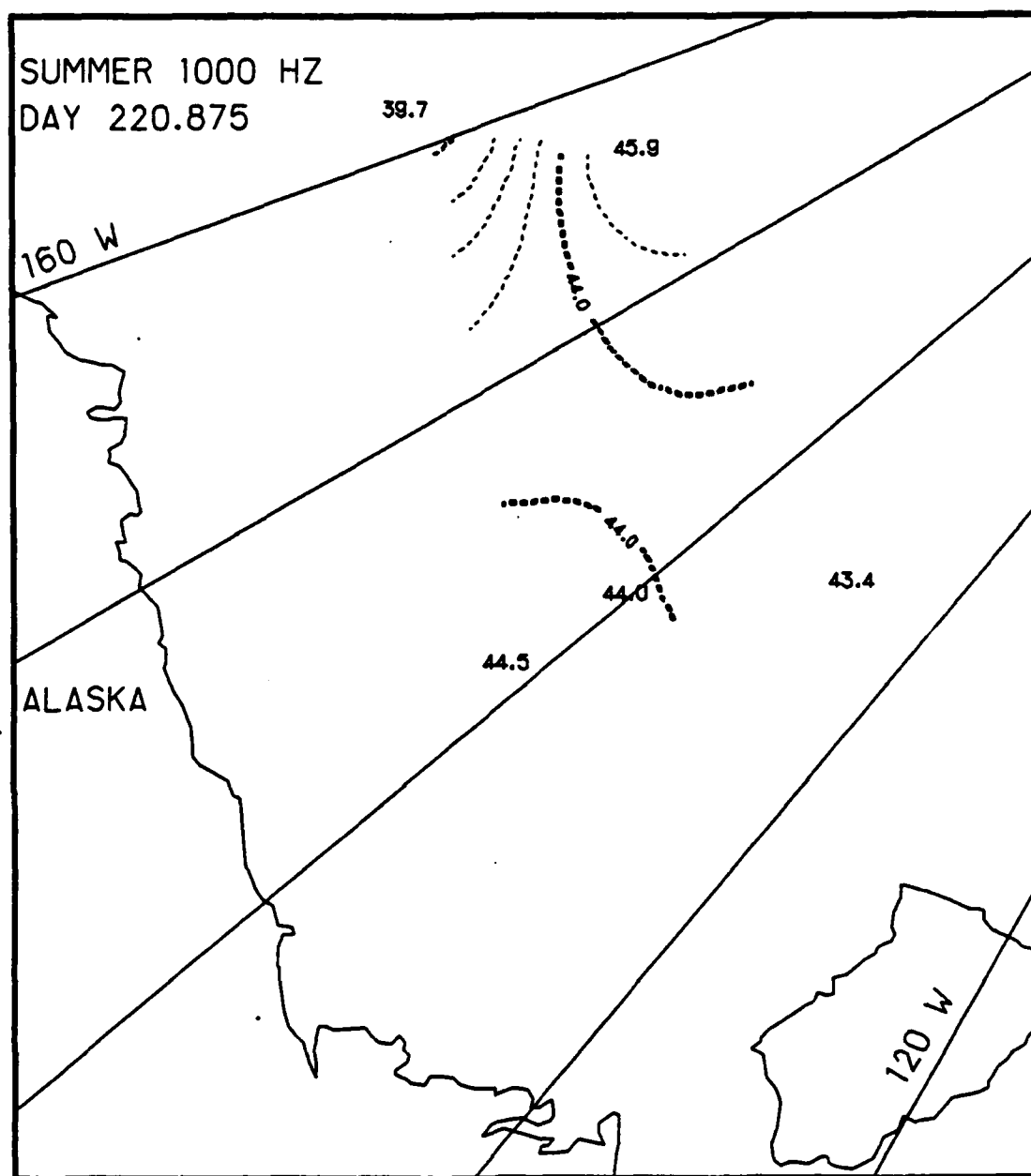


Fig. B.42. Spatial noise variations, day 220.875, based on the AIDJEX 1000 Hz noise data.

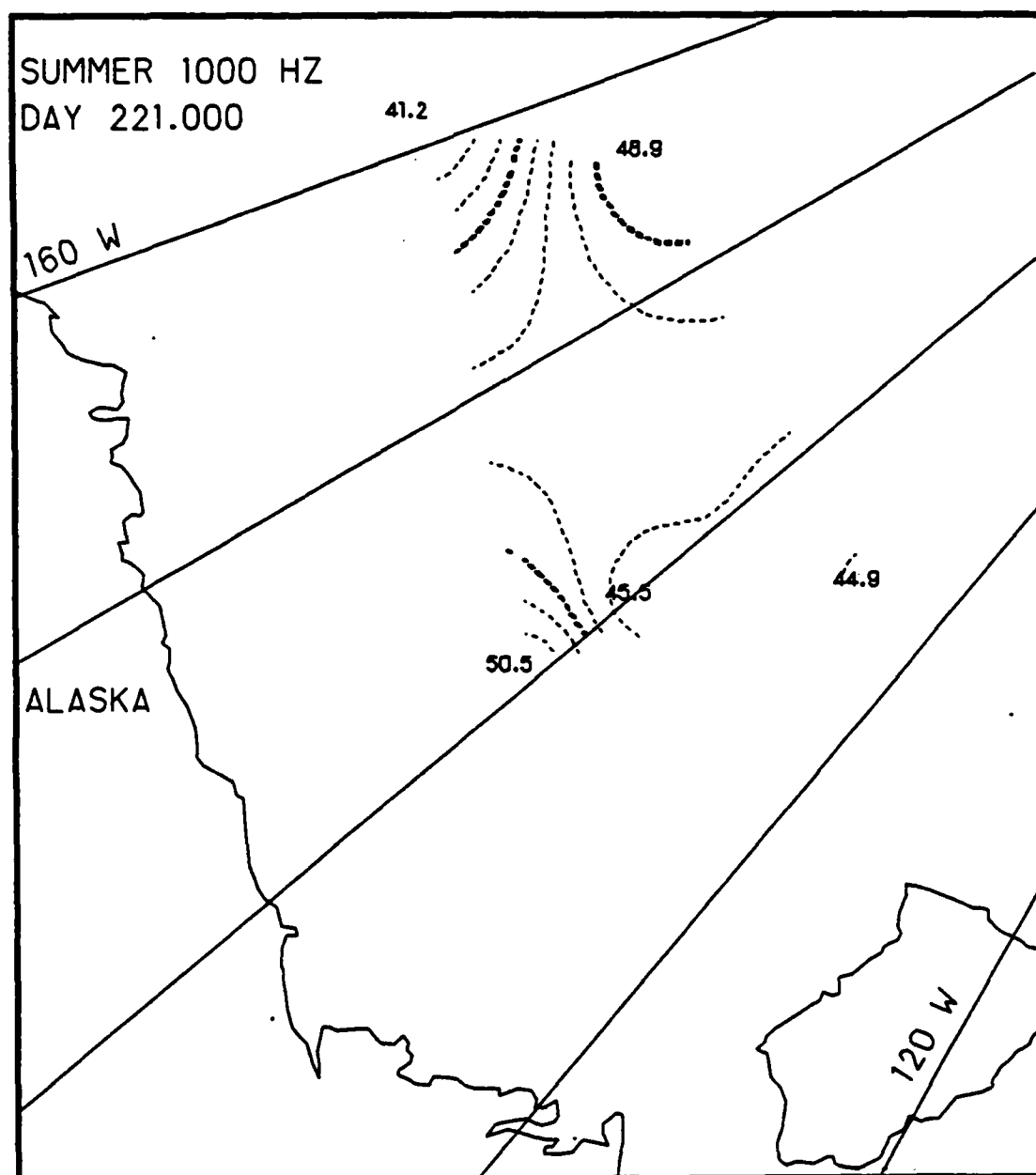


Fig. B.43. Spatial noise variations, day 221.0, based on the AIDJEX 1000 Hz noise data.

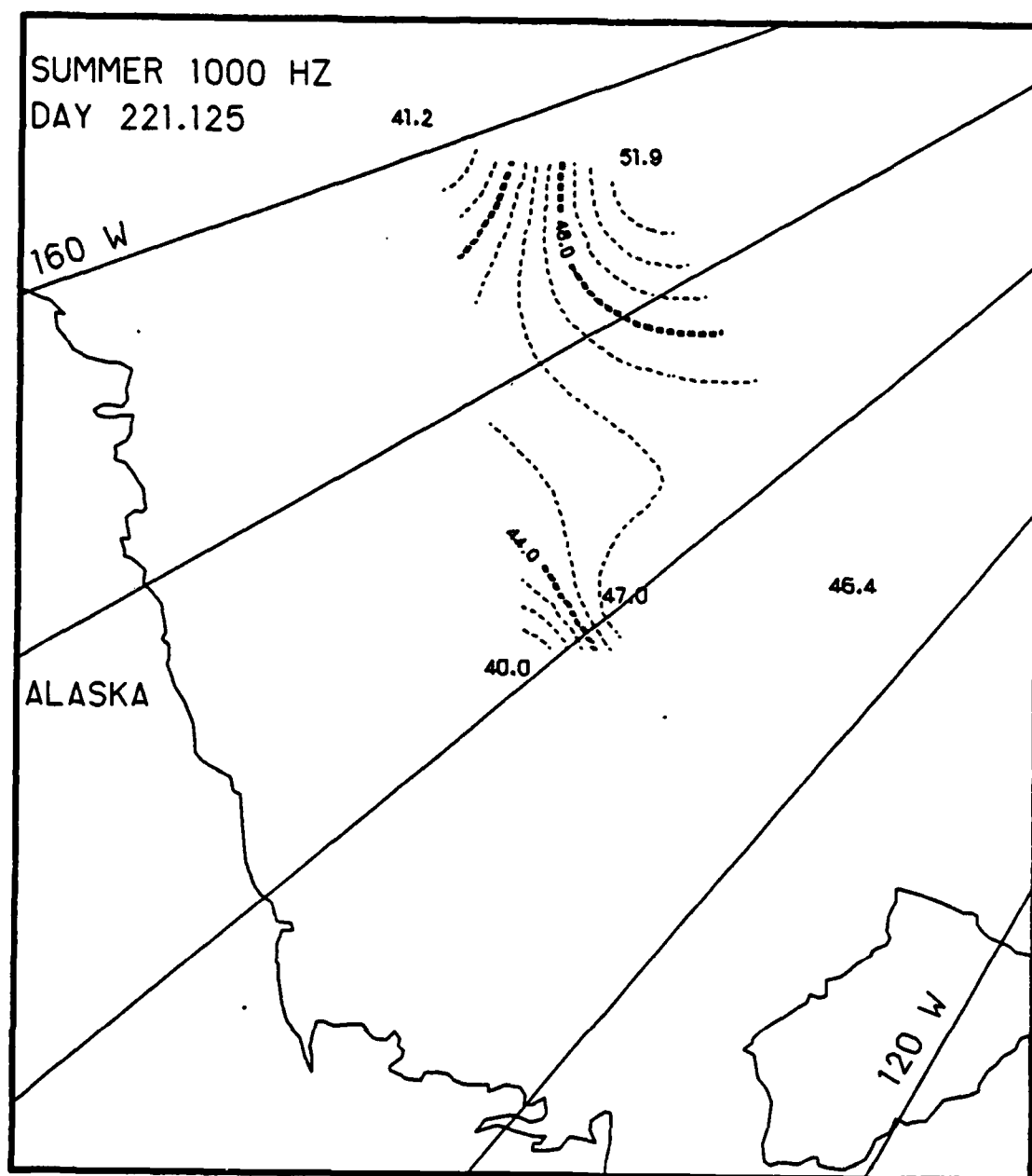


Fig. B.44. Spatial noise variations, day 221.125, based on the AIDJEX 1000 Hz noise data.

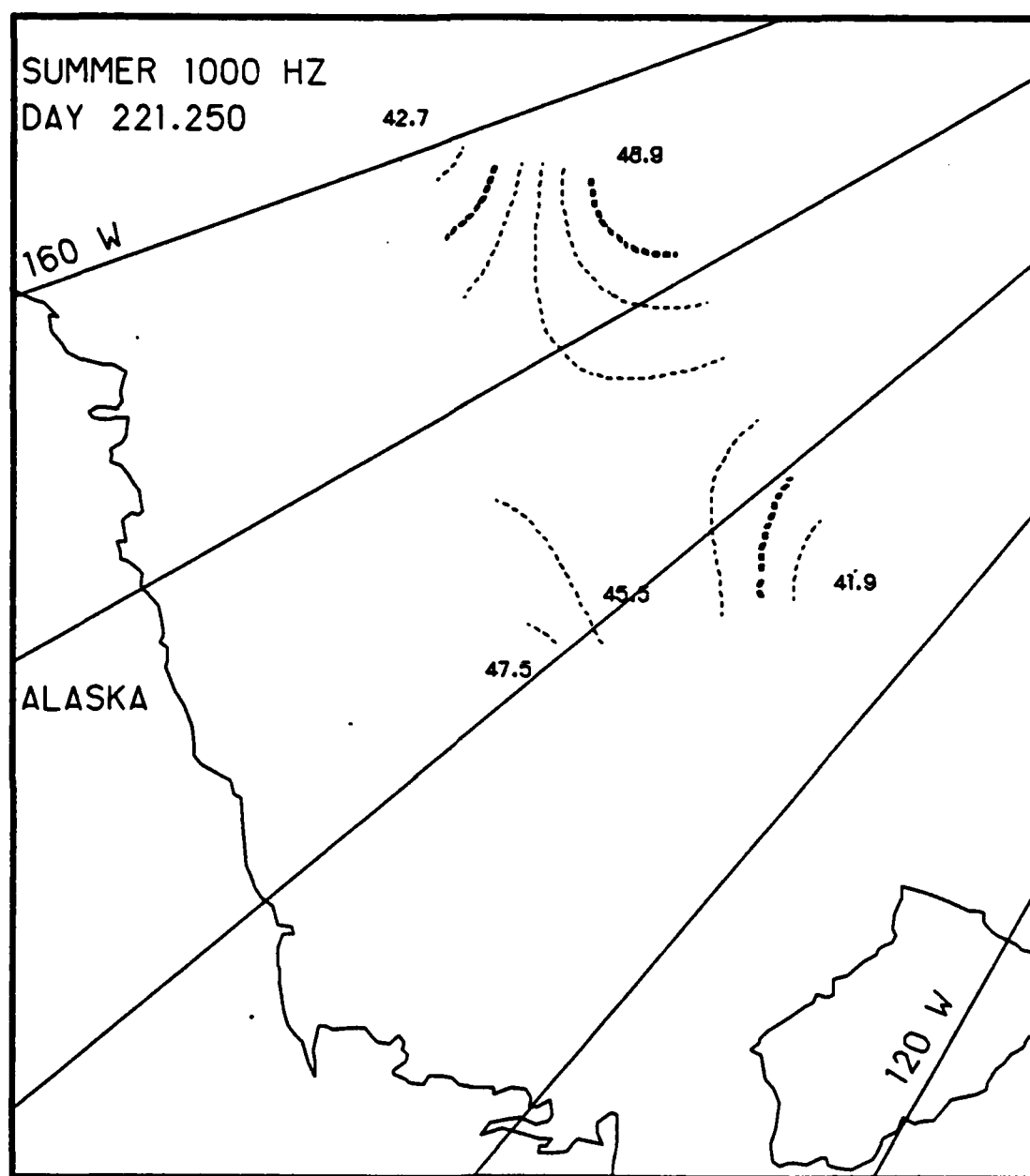


Fig. B.45. Spatial noise variations, day 221.25, based on the AIDJEX 1000 Hz noise data.

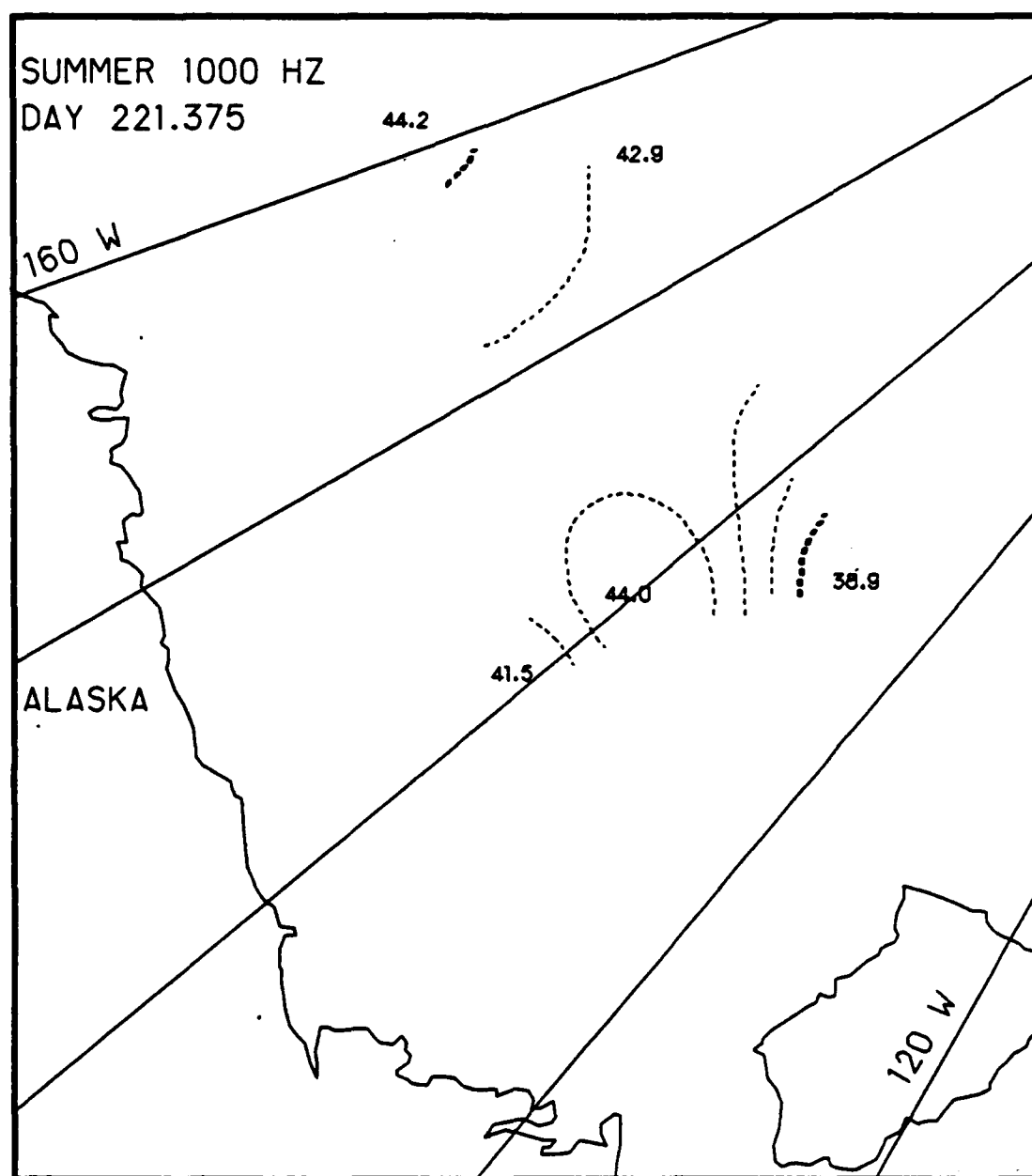


Fig. B.46. Spatial noise variations, day 221.375, based on the AIDJEX 1000 Hz noise data.

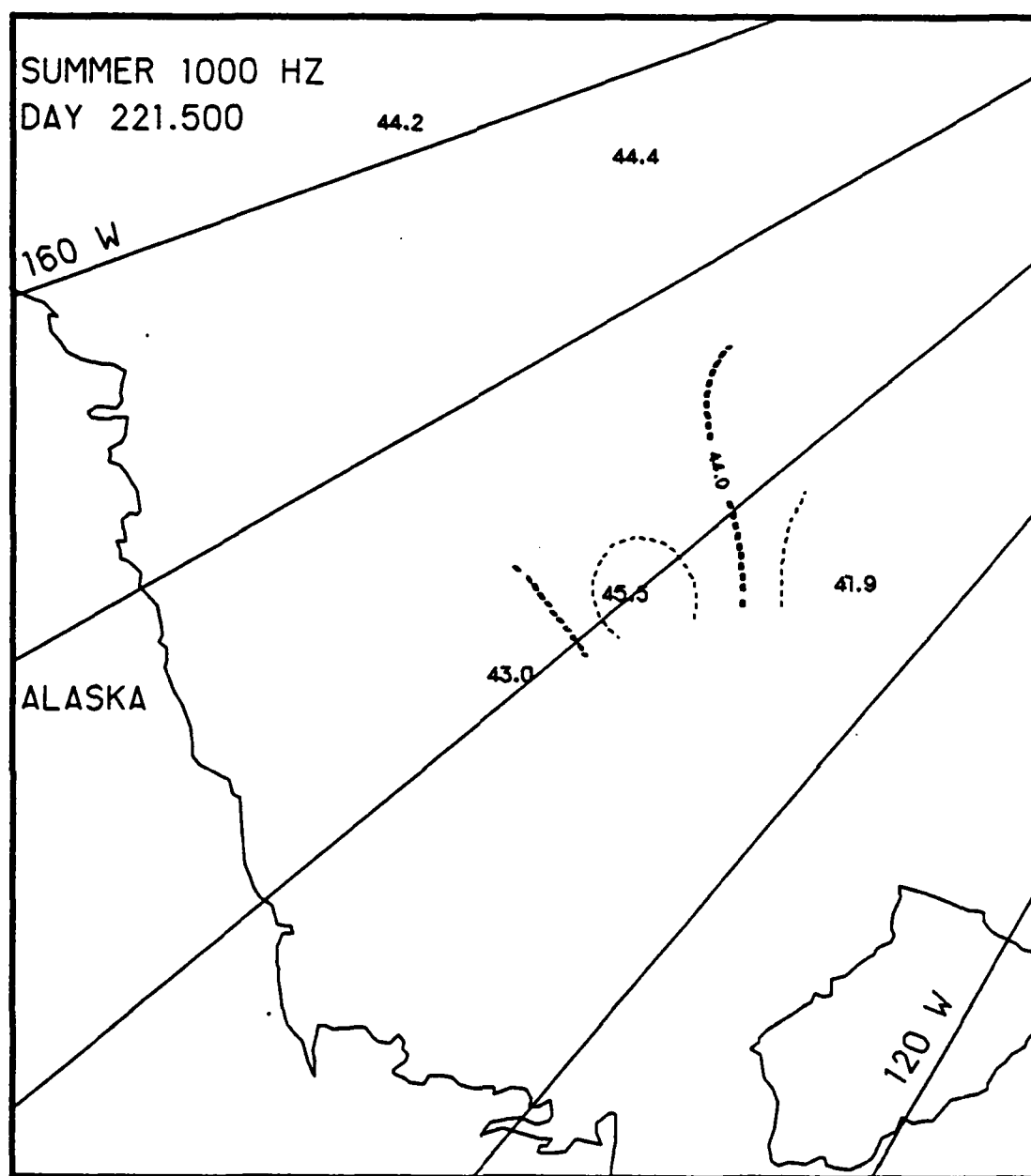


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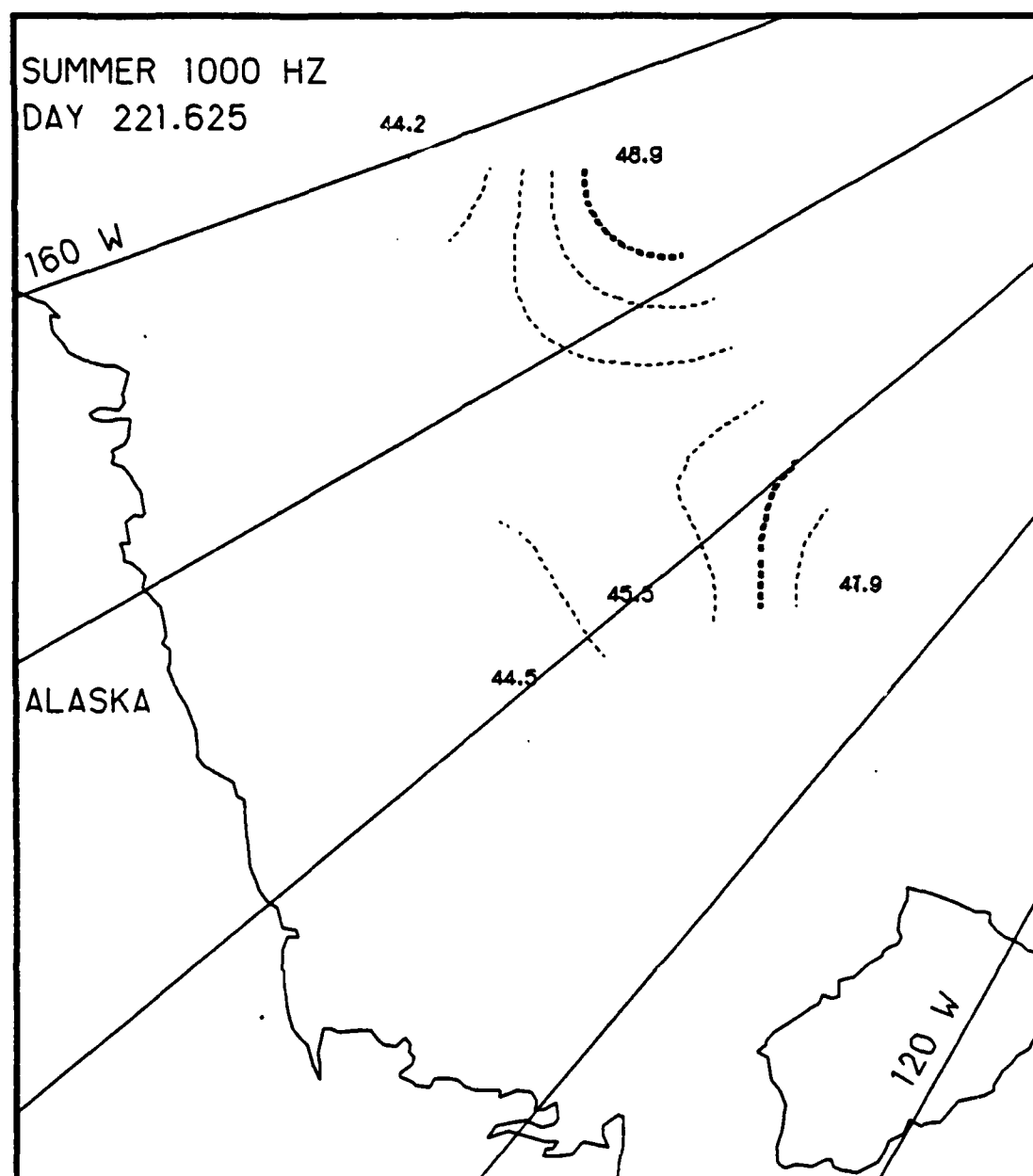


Fig. B.48. Spatial noise variations, day 221.625, based on the AIDJEX 1000 Hz noise data.

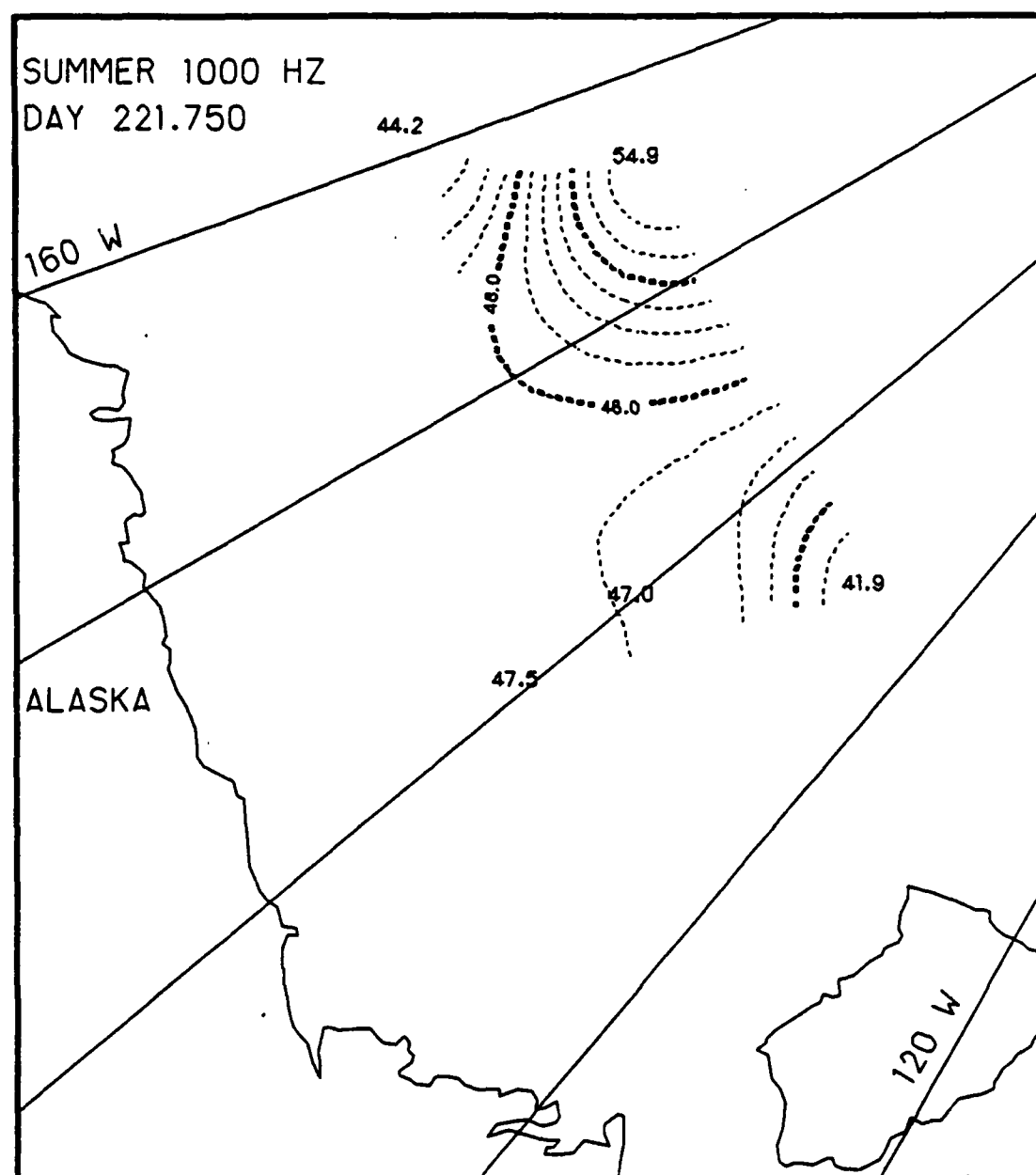


Fig. B.49. Spatial noise variations, day 221.75, based on the AIDJEX 1000 Hz noise data.

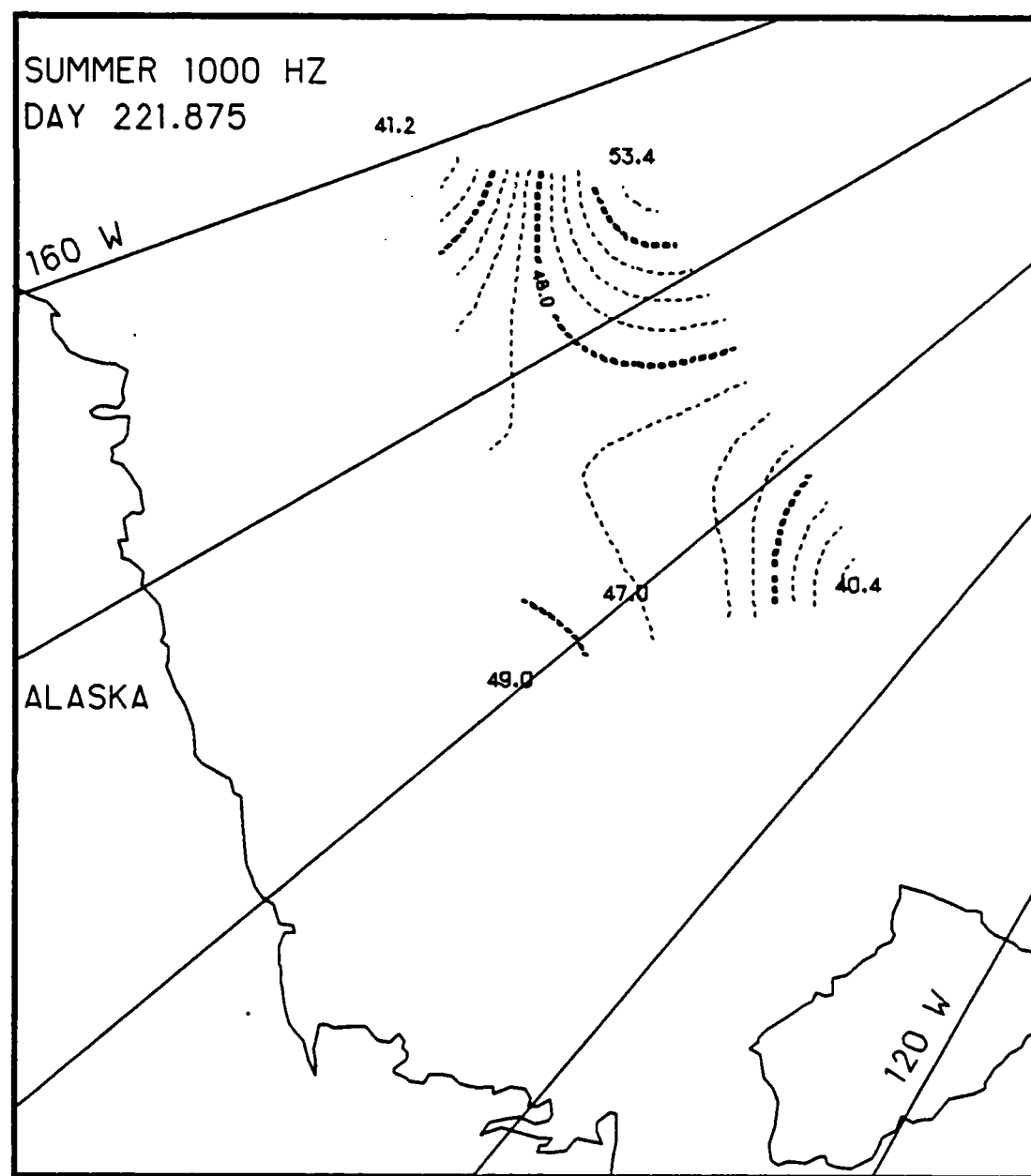


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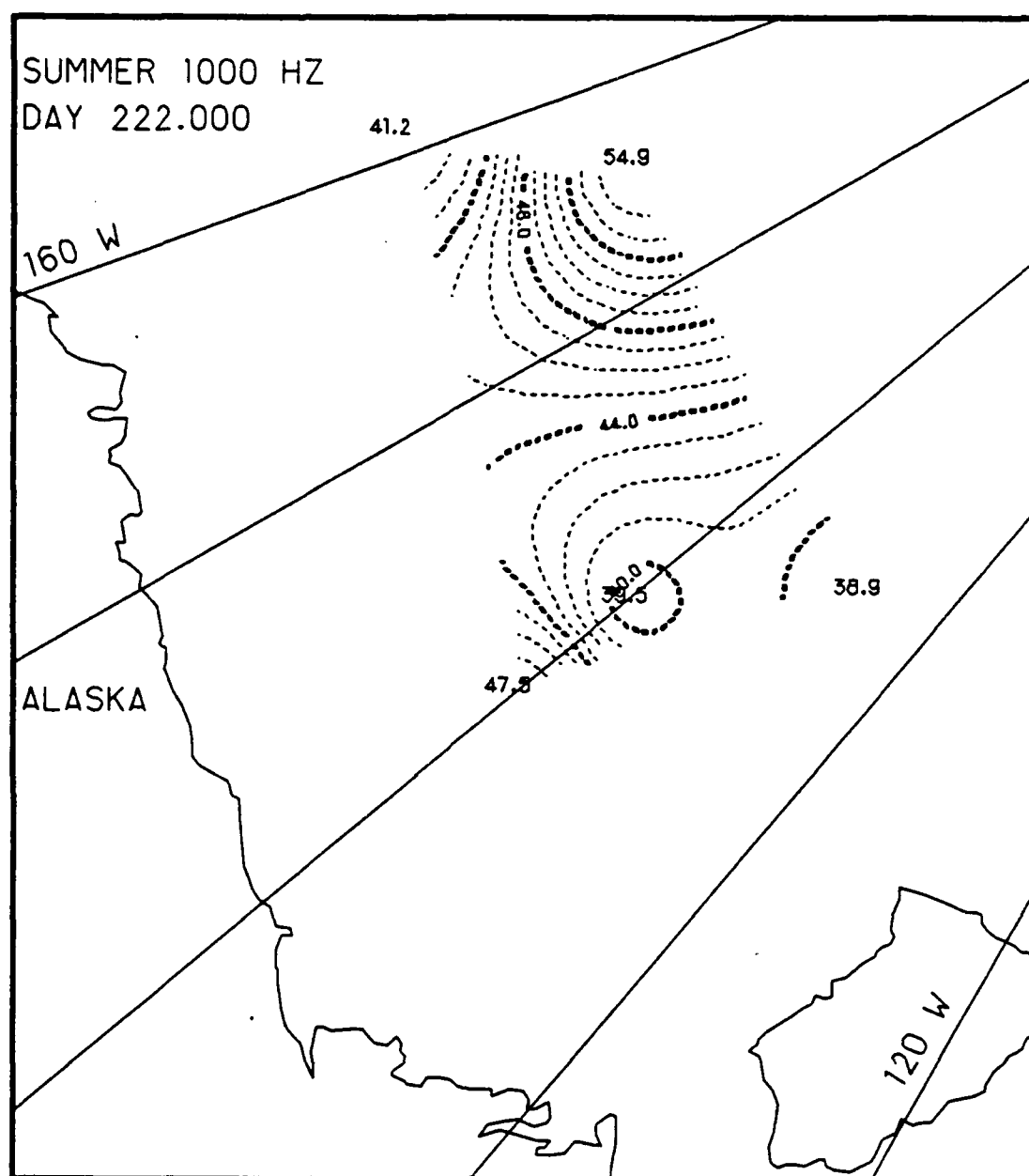


Fig. B.51. Spatial noise variations, day 222.0, based on the AIDJEX 1000 Hz noise data.

Appendix C

Two-Dimensional Contour Maps of Arctic
Ambient Noise Variations, 16-17 November 1975
(Fall)

This appendix contains the two-dimensional contour maps of the AIDJEX 10 Hz, 32 Hz, and 1000 Hz noise signals for the 48 hour period of 16-17 November 1975. The contour maps show the spatial variations of the ambient noise signals at 3 hr intervals, the units of the noise being decibells. The Julian day for 16 November is day 320, and the Julian day for 17 November is day 321.

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300 Hz

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Fig. C.50.	Spatial noise variations, day 321.875	3.1-157
Fig. C.51.	Spatial noise variations, day 322.0	3.1-158

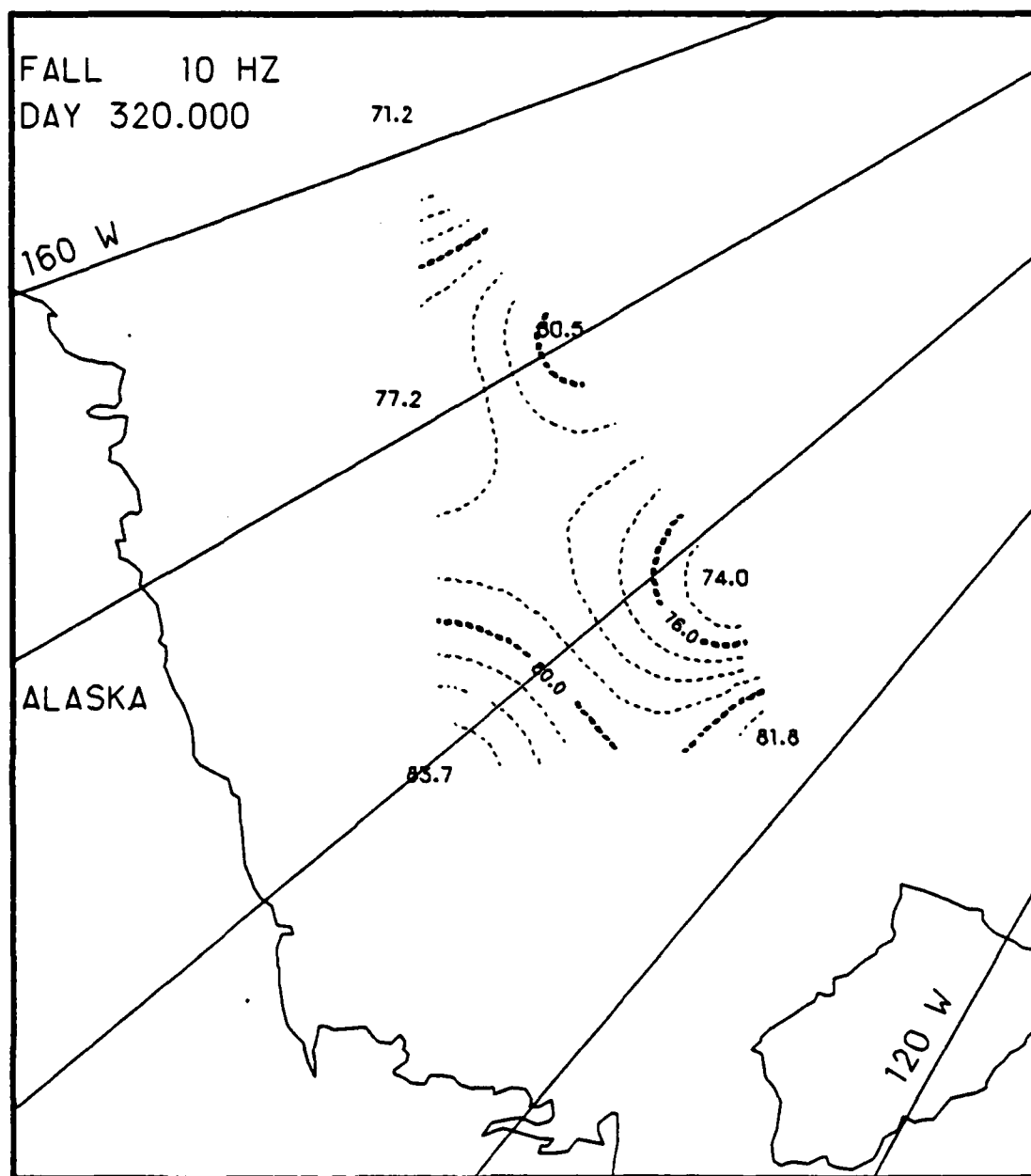


Fig. C.1. Spatial noise variations, day 320.0, based on the AIDJEX 10 Hz noise data.

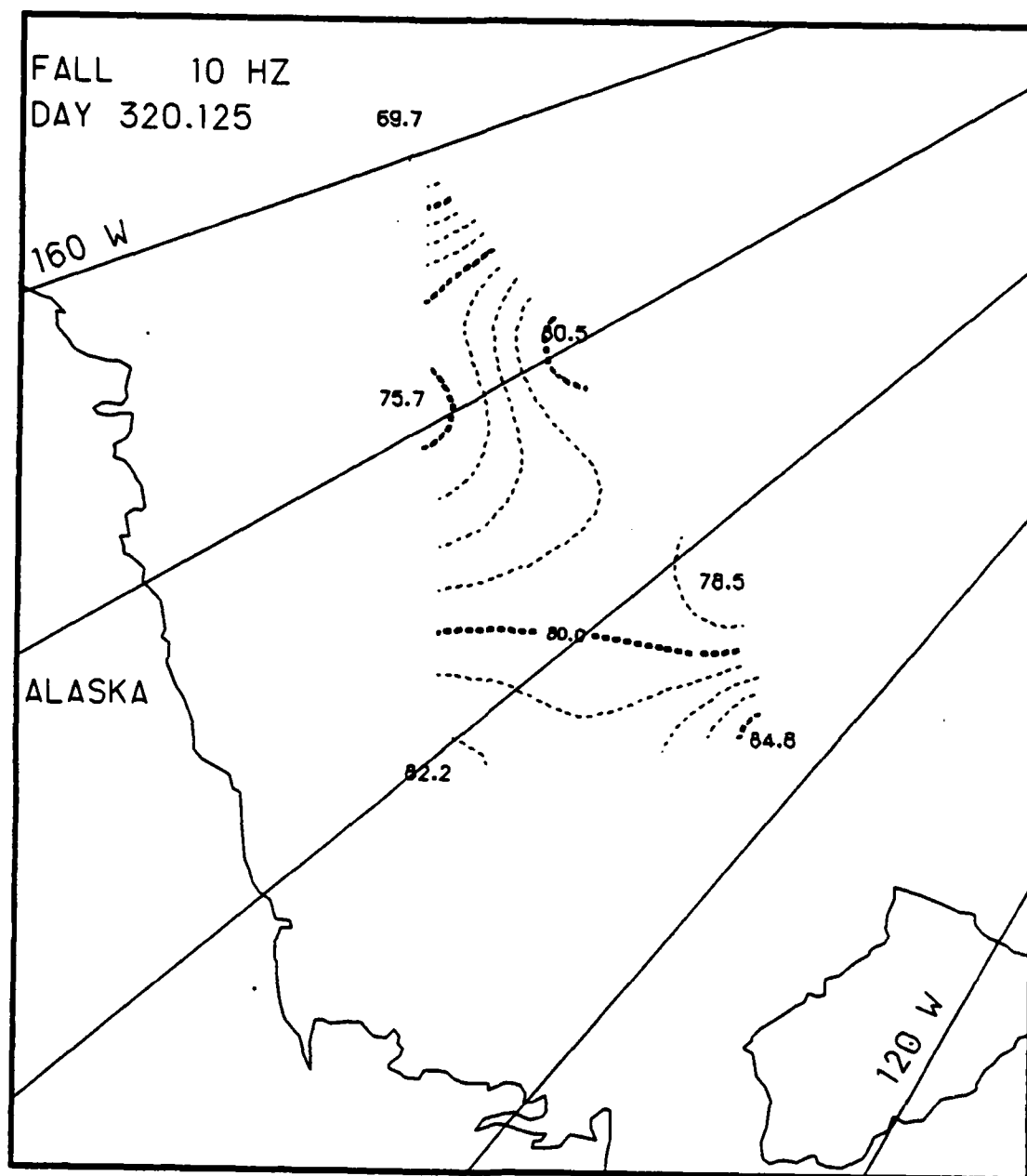


Fig. C.2. Spatial noise variations, day 320.125, based on the AIDJEX 10 Hz noise data.

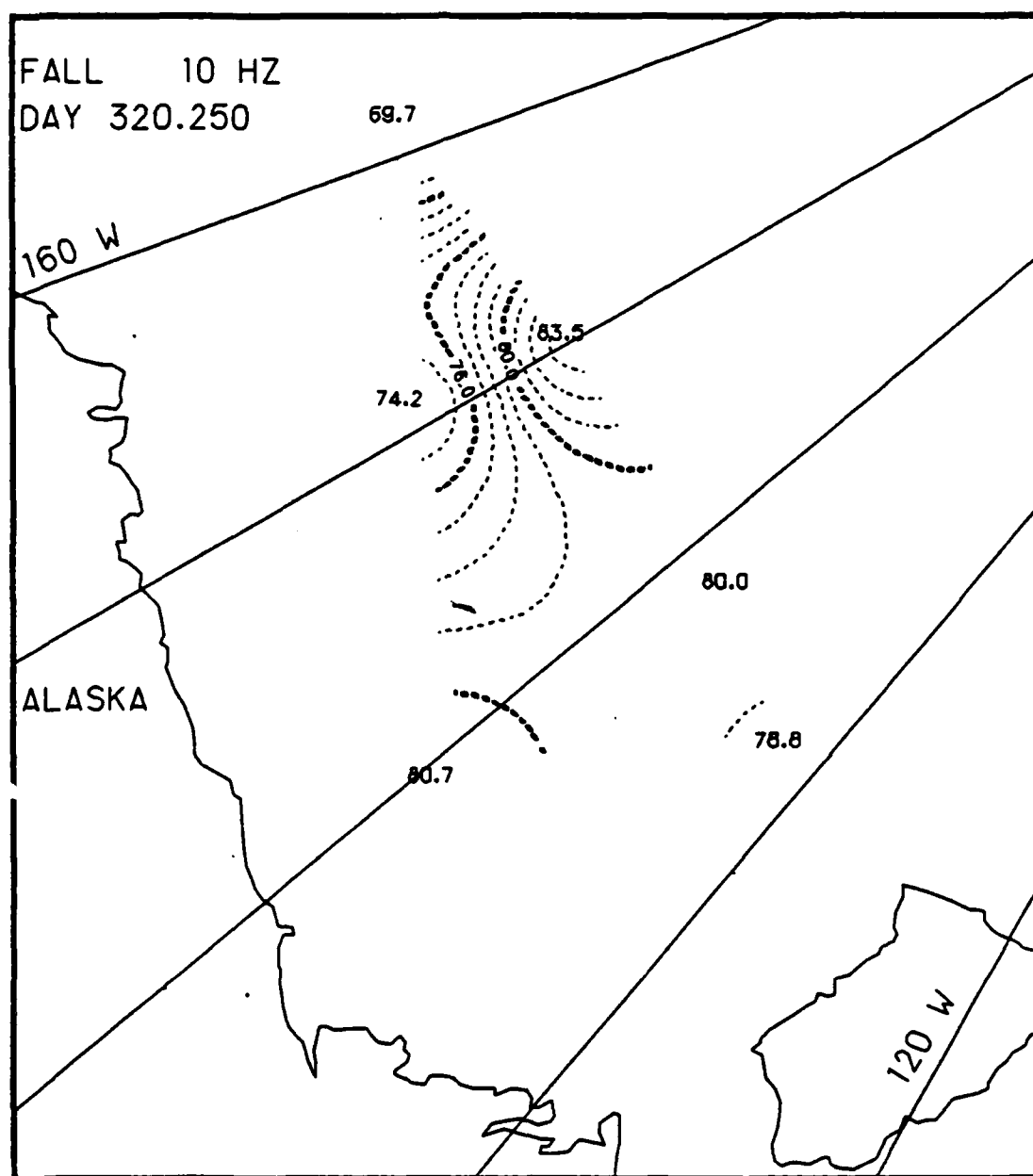


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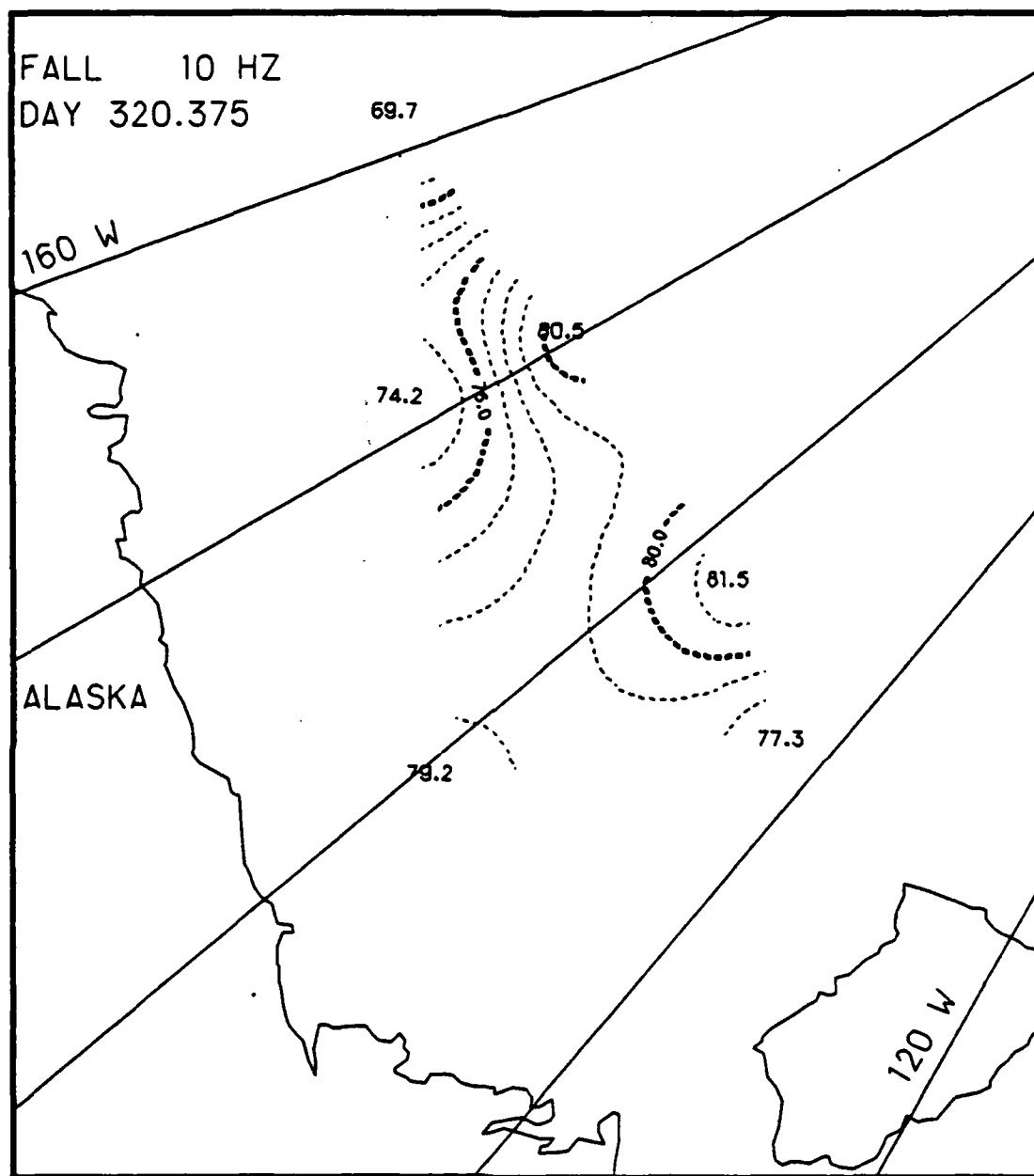


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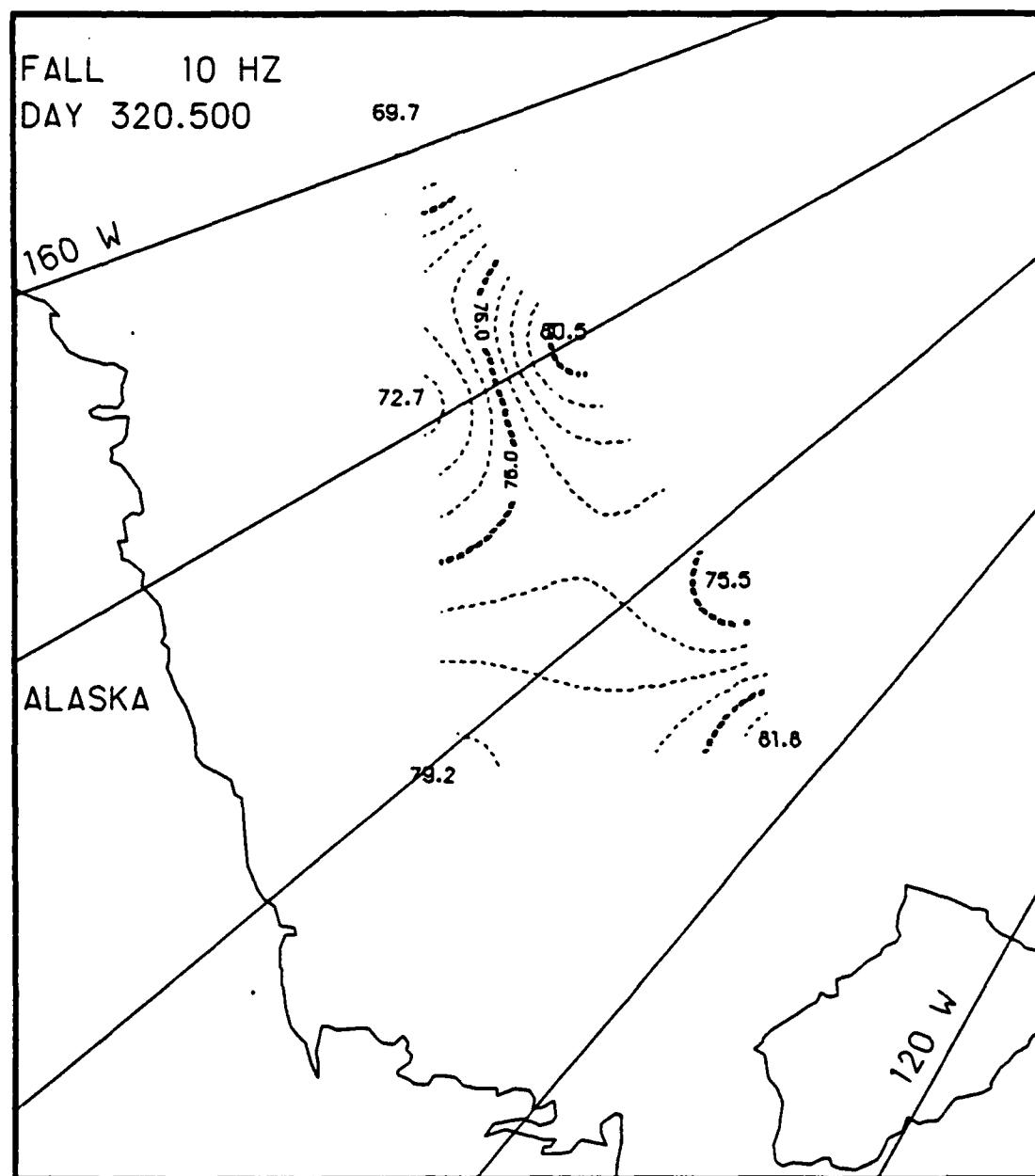


Fig. C.5. Spatial noise variations, day 320.5, based on the AIDJEX 10 Hz noise data.

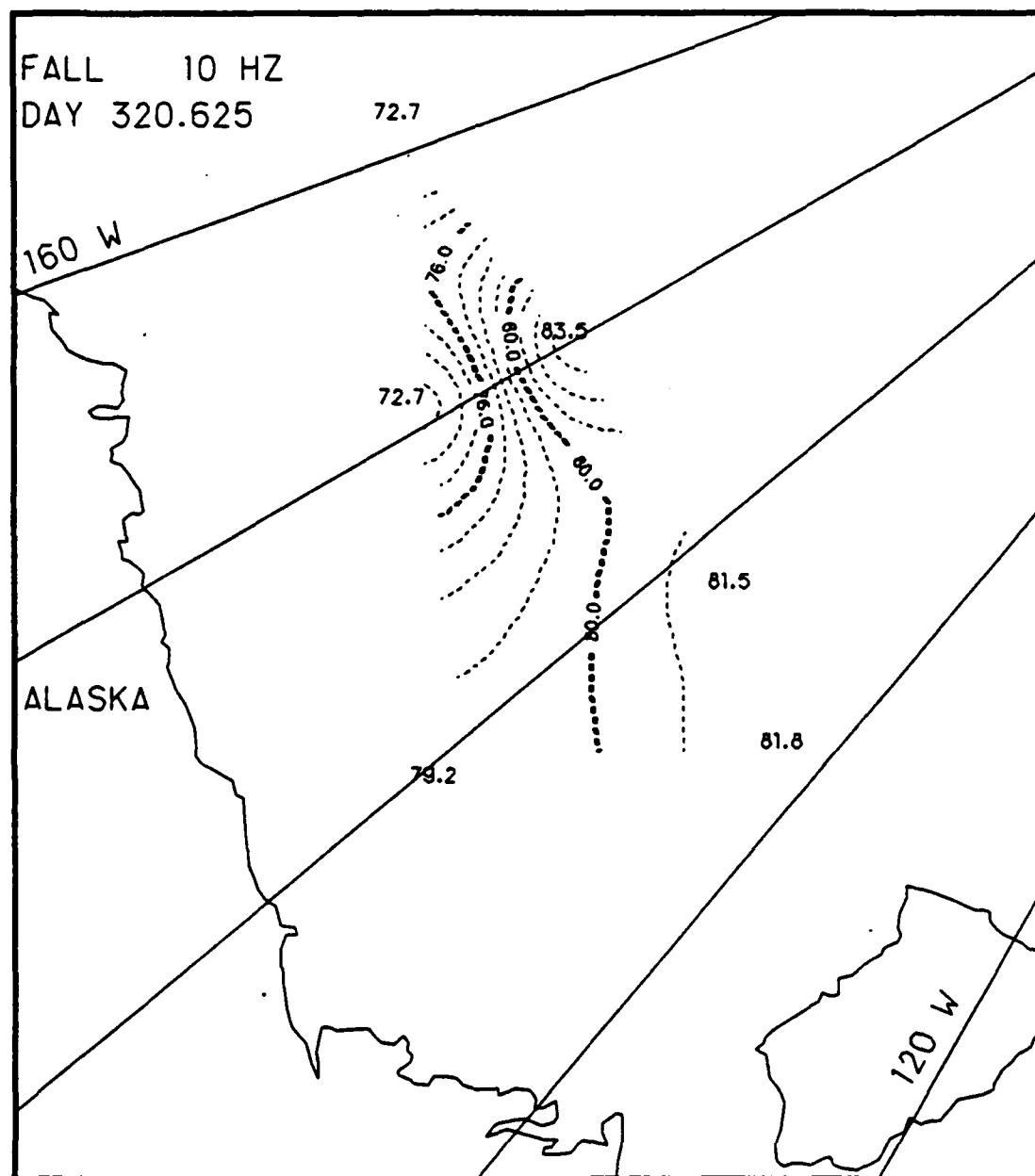


Fig. C.6. Spatial noise variations, day 320.625, based on the AIDJEX 10 Hz noise data.

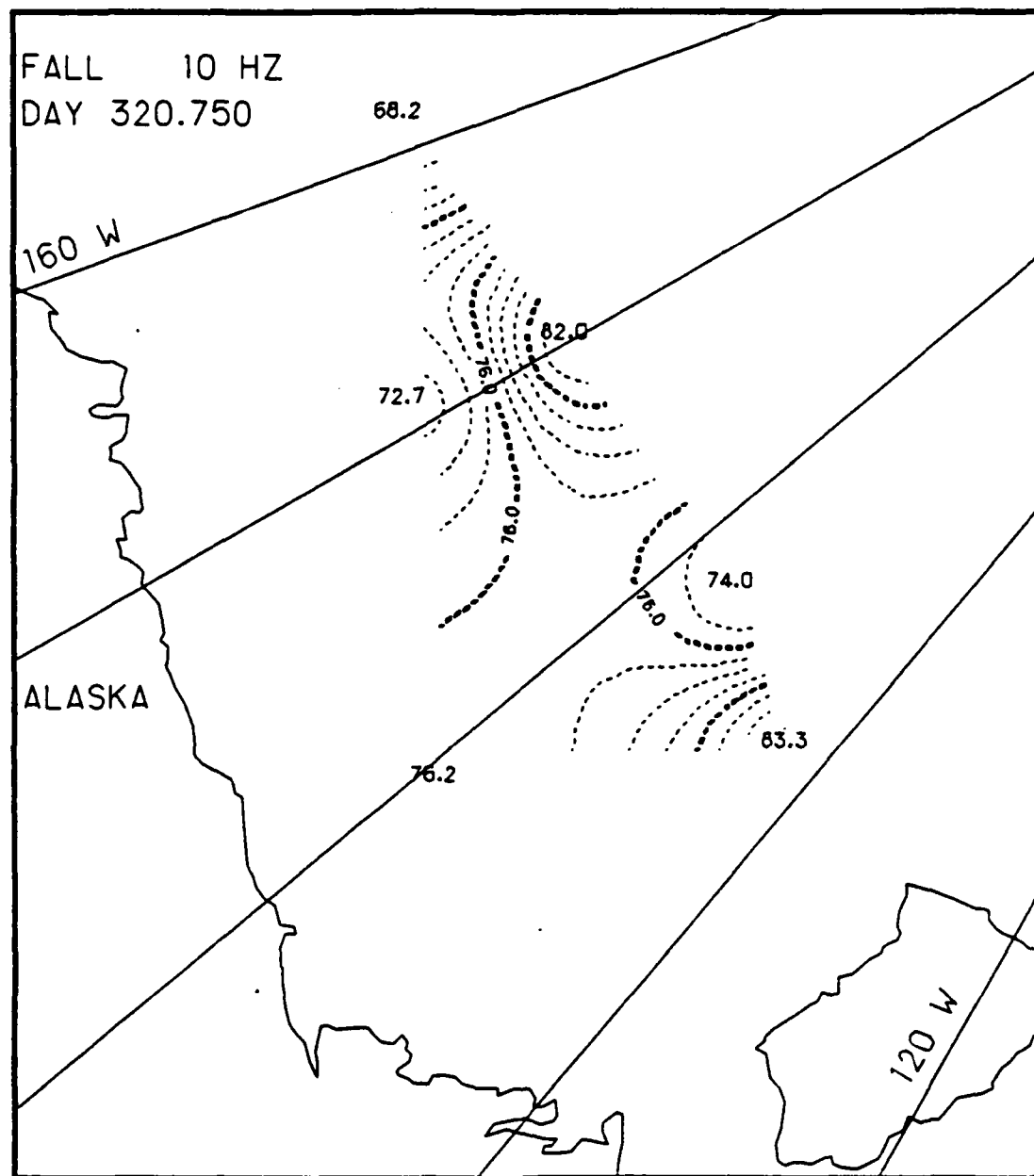


Fig. C.7. Spatial noise variations, day 320.75, based on the AIDJEX 10 Hz noise data.

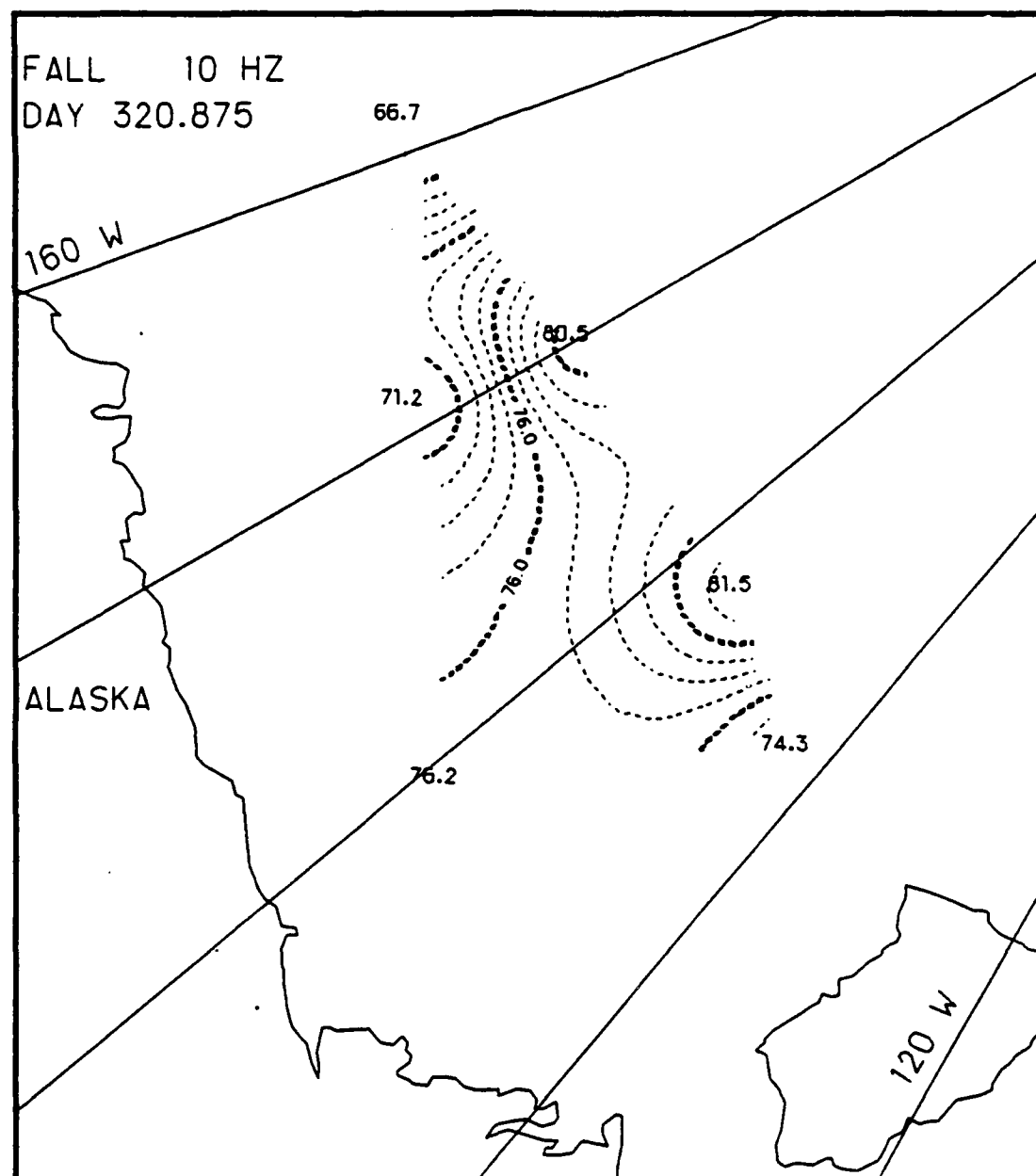


Fig. C.8. Spatial noise variations, day 320.875, based on the AIDJEX 10 Hz noise data.

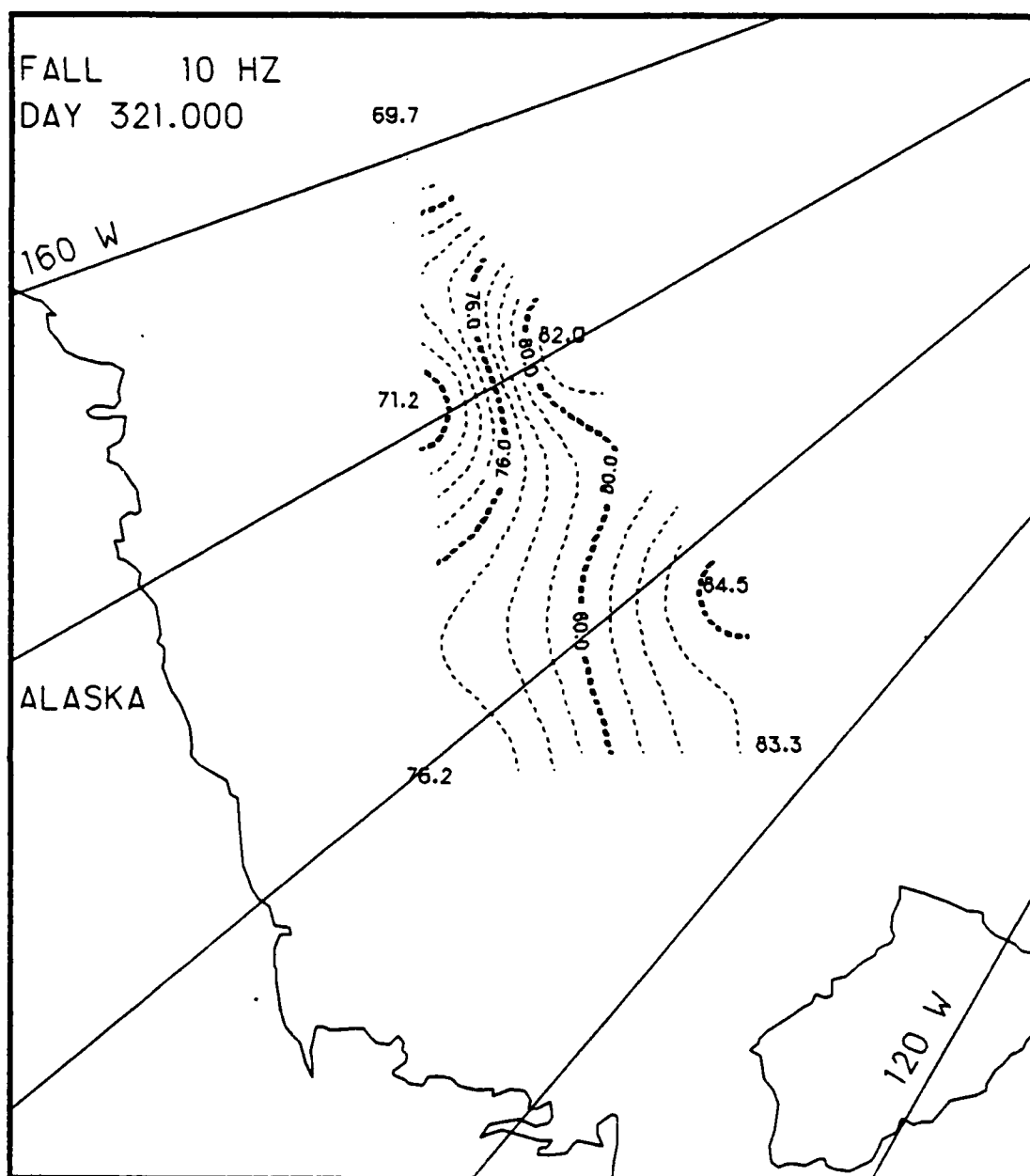


Fig. C.9. Spatial noise variations, day 321.0, based on the AIDJEX 10 Hz noise data.

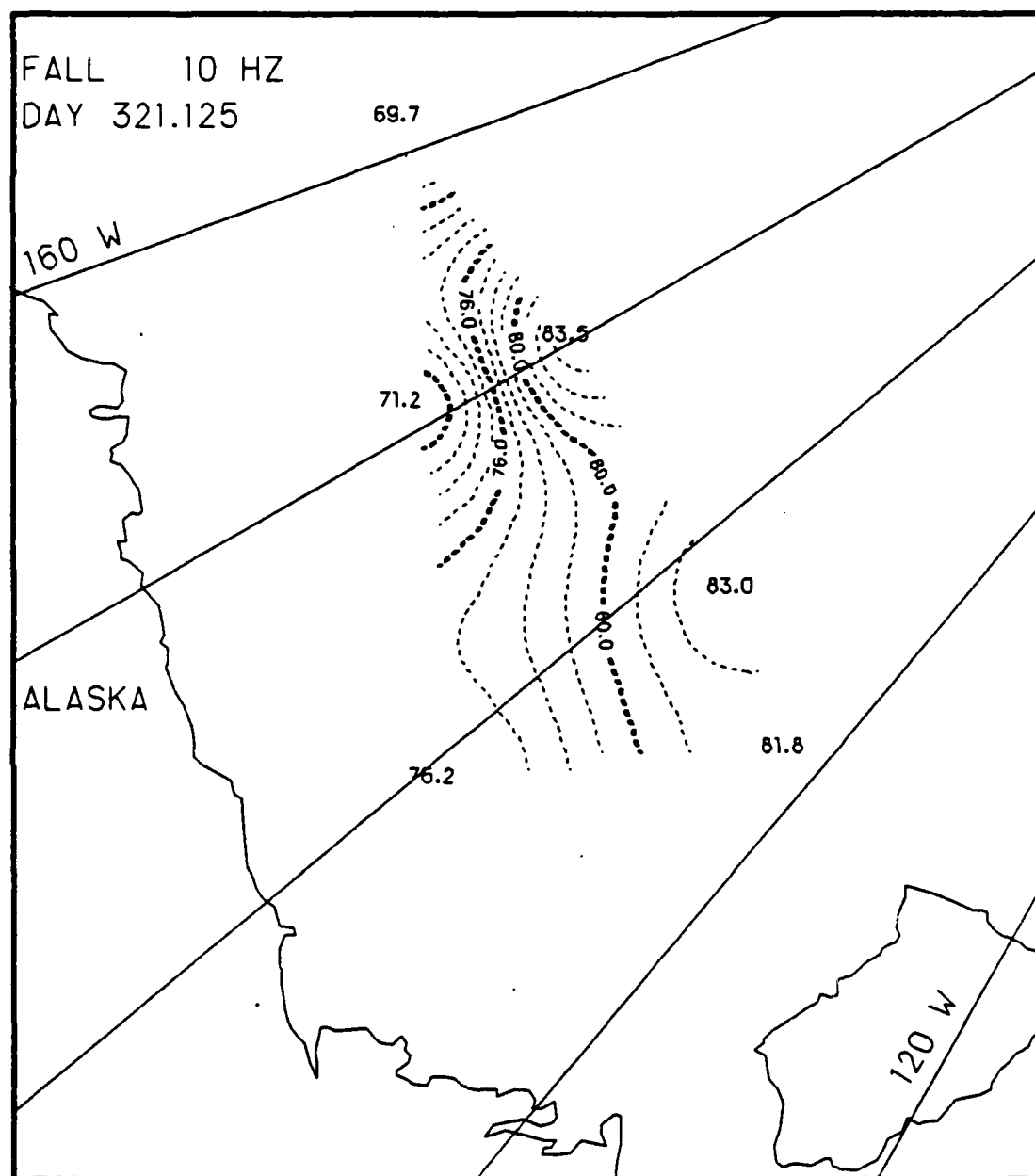


Fig. C.10. Spatial noise variations, day 321.125, based on the AIDJEX 10 Hz noise data.

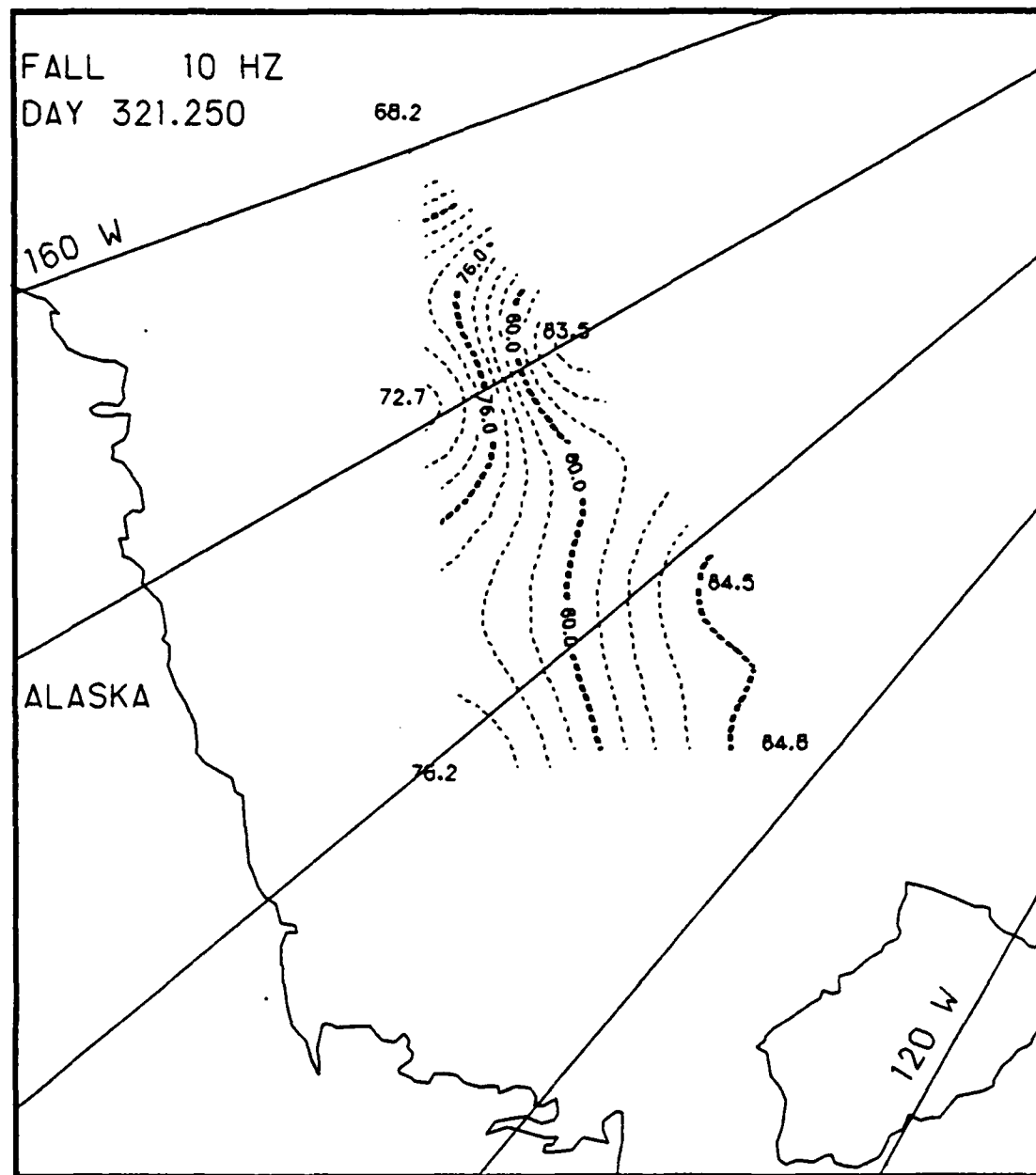


Fig. C.11. Spatial noise variations, day 321.25, based on the AIDJEX 10 Hz noise data.

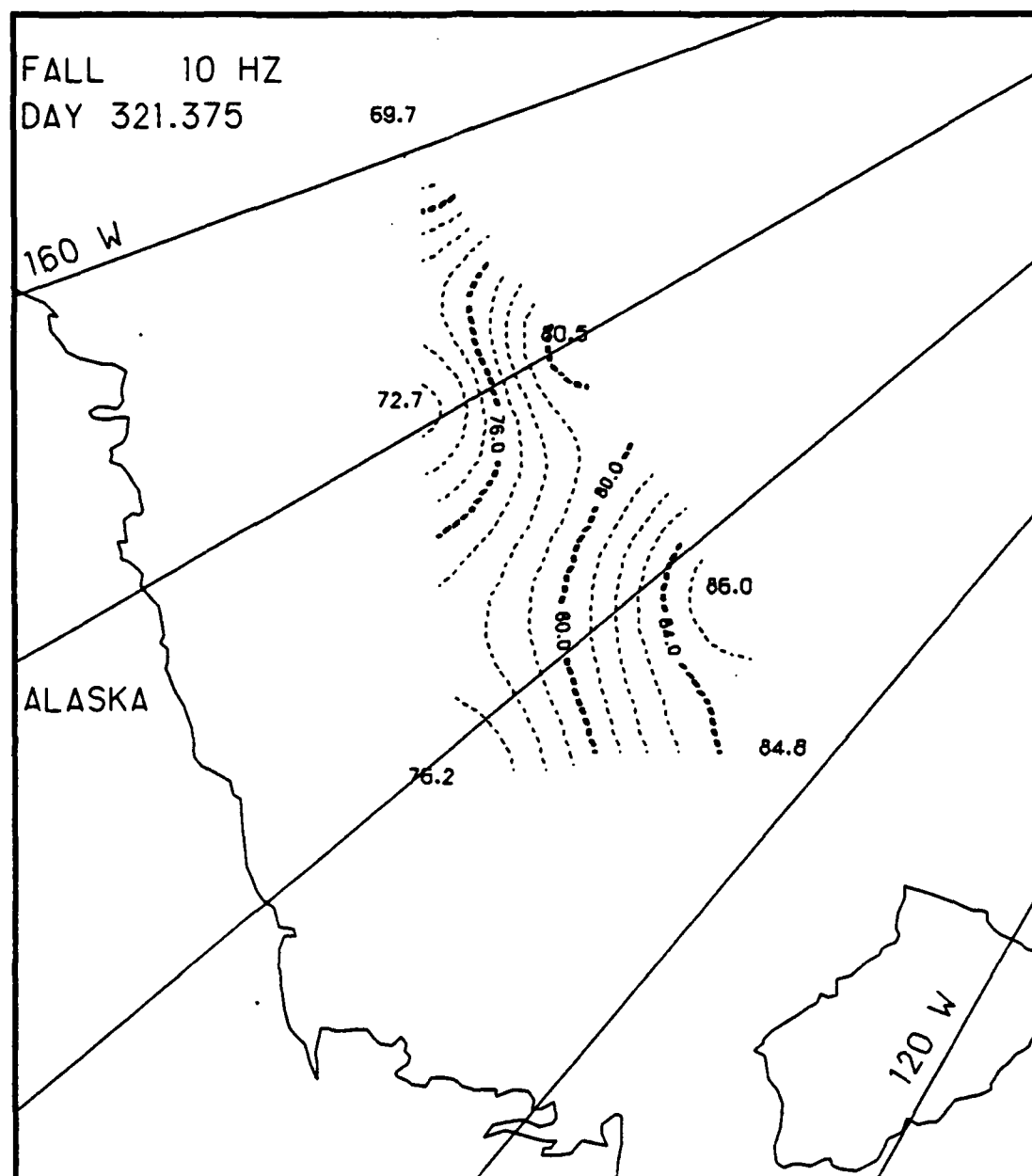


Fig. C.12. Spatial noise variations, day 321.375, based on the AIDJEX 10 Hz noise data.

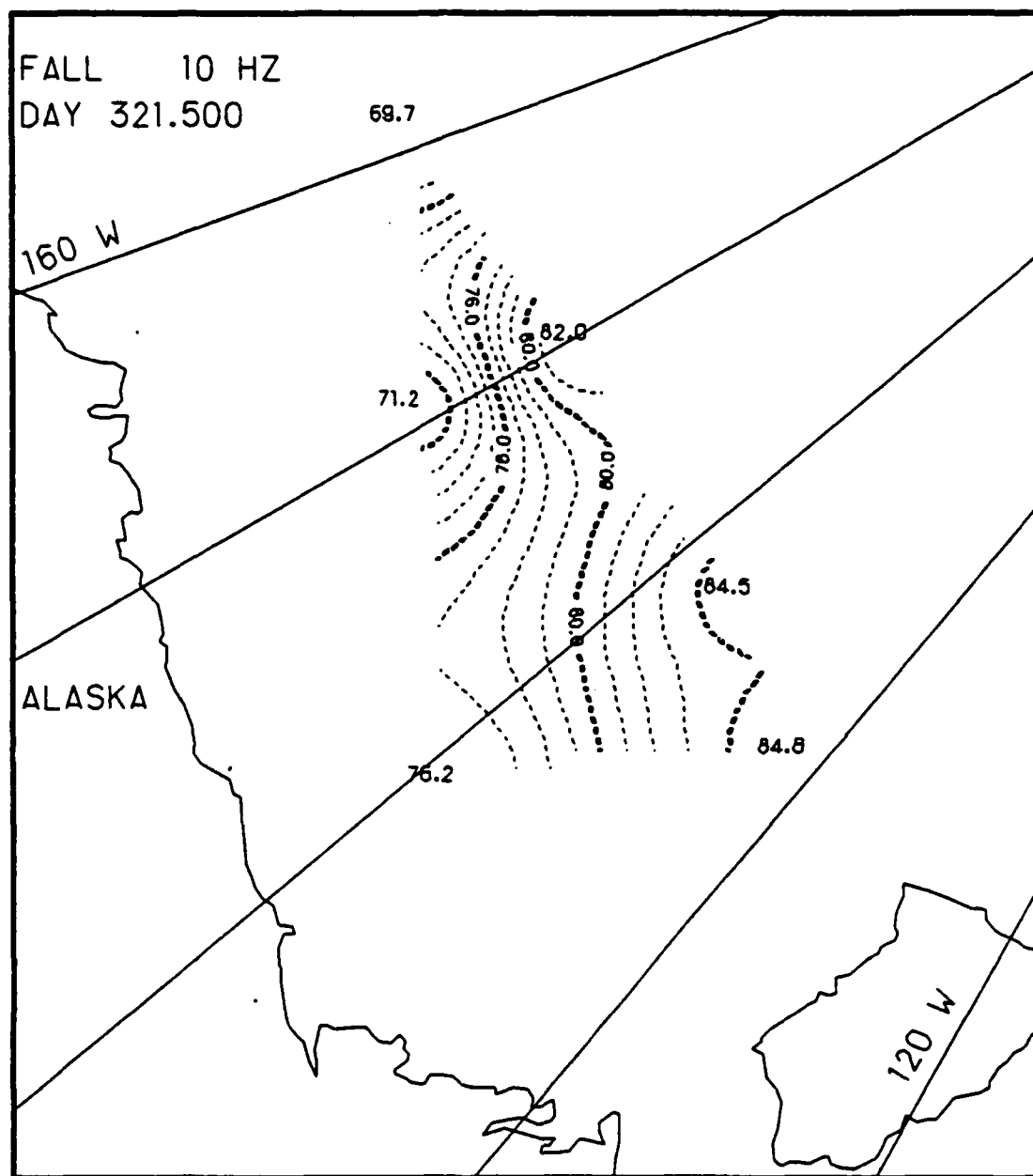


Fig. C.13. Spatial noise variations, day 321.5, based on the AIDJEX 10 Hz noise data.

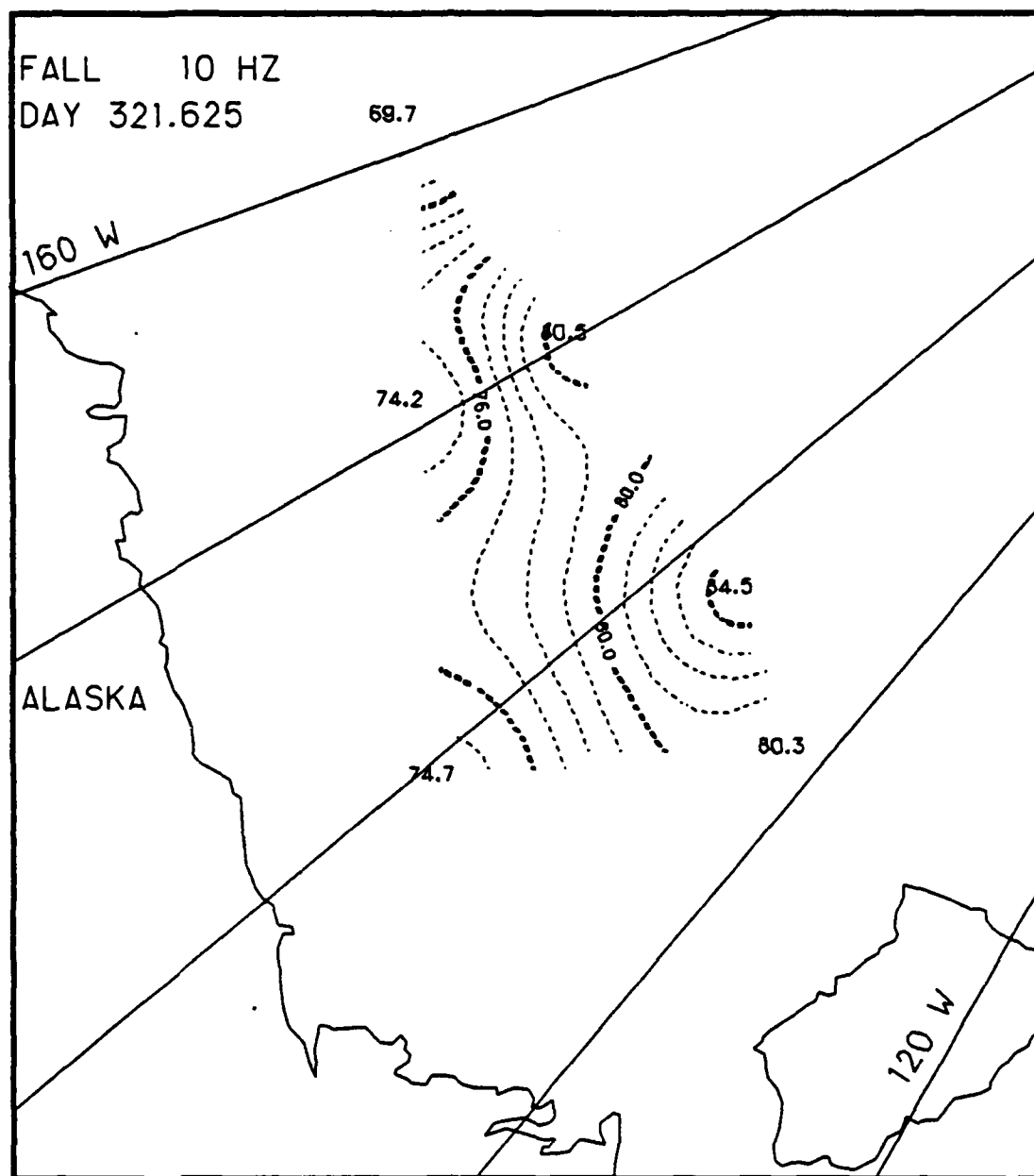


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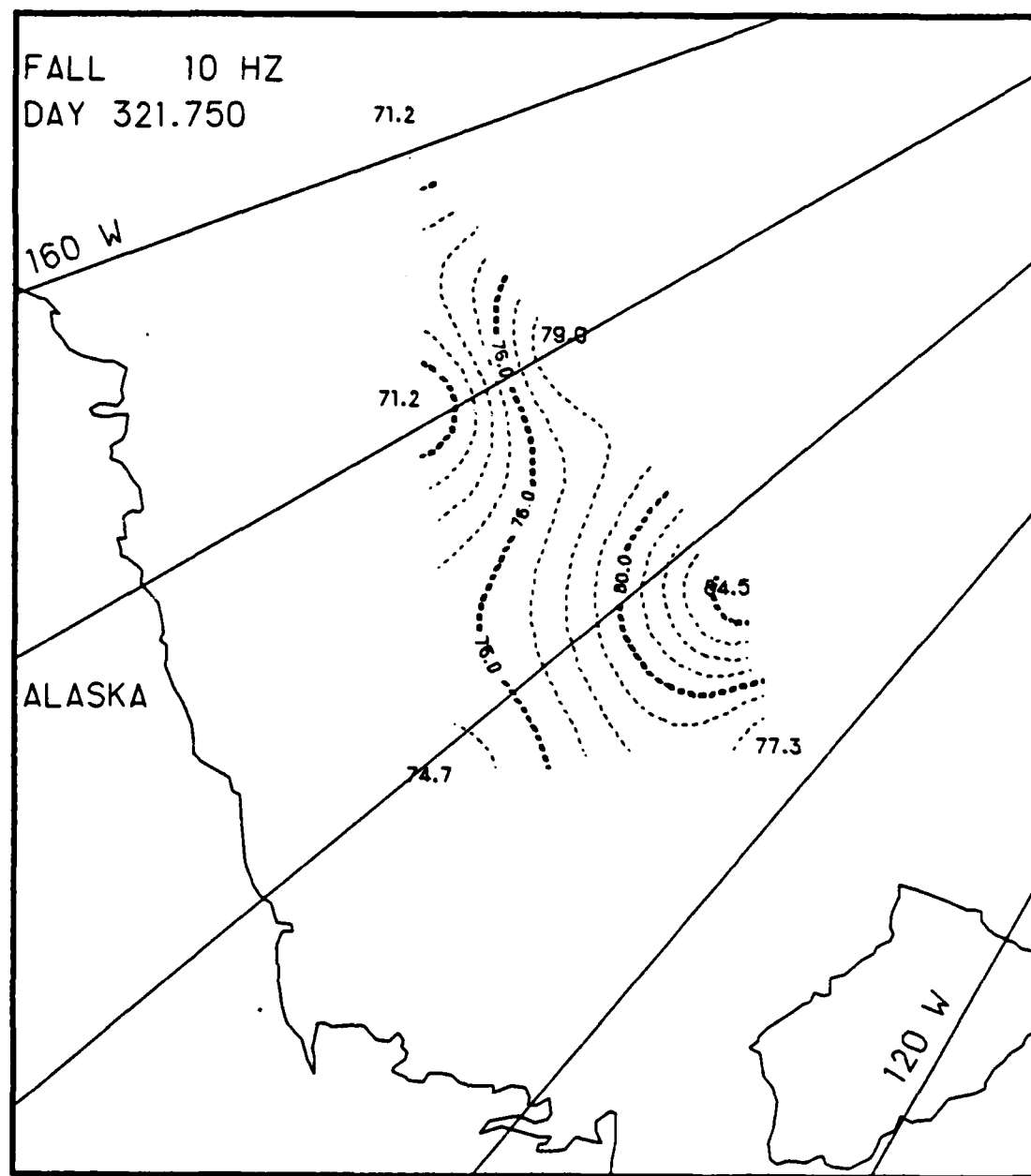


Fig. C.15. Spatial noise variations, day 321.75, based on the AIDJEX 10 Hz noise data.

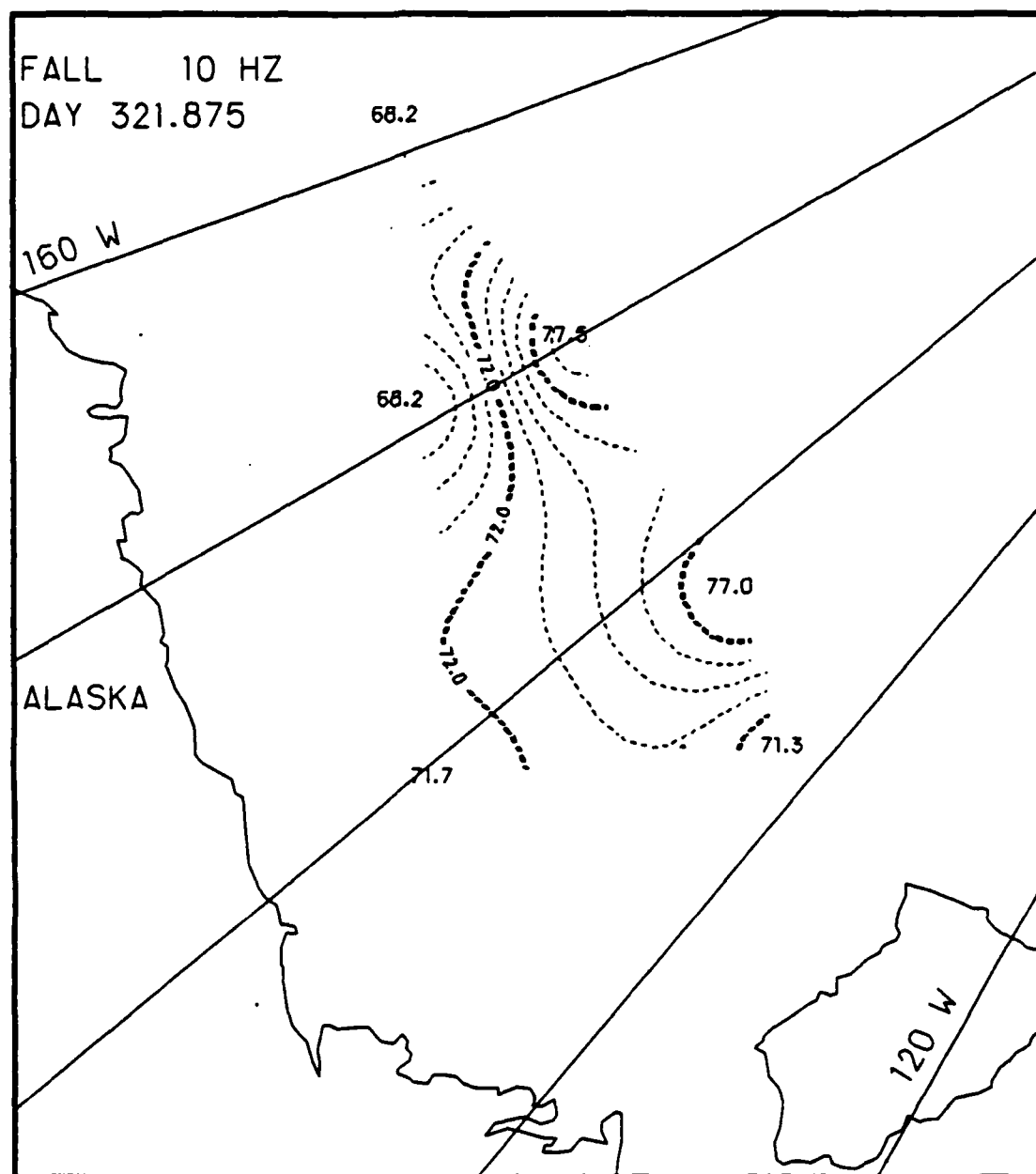


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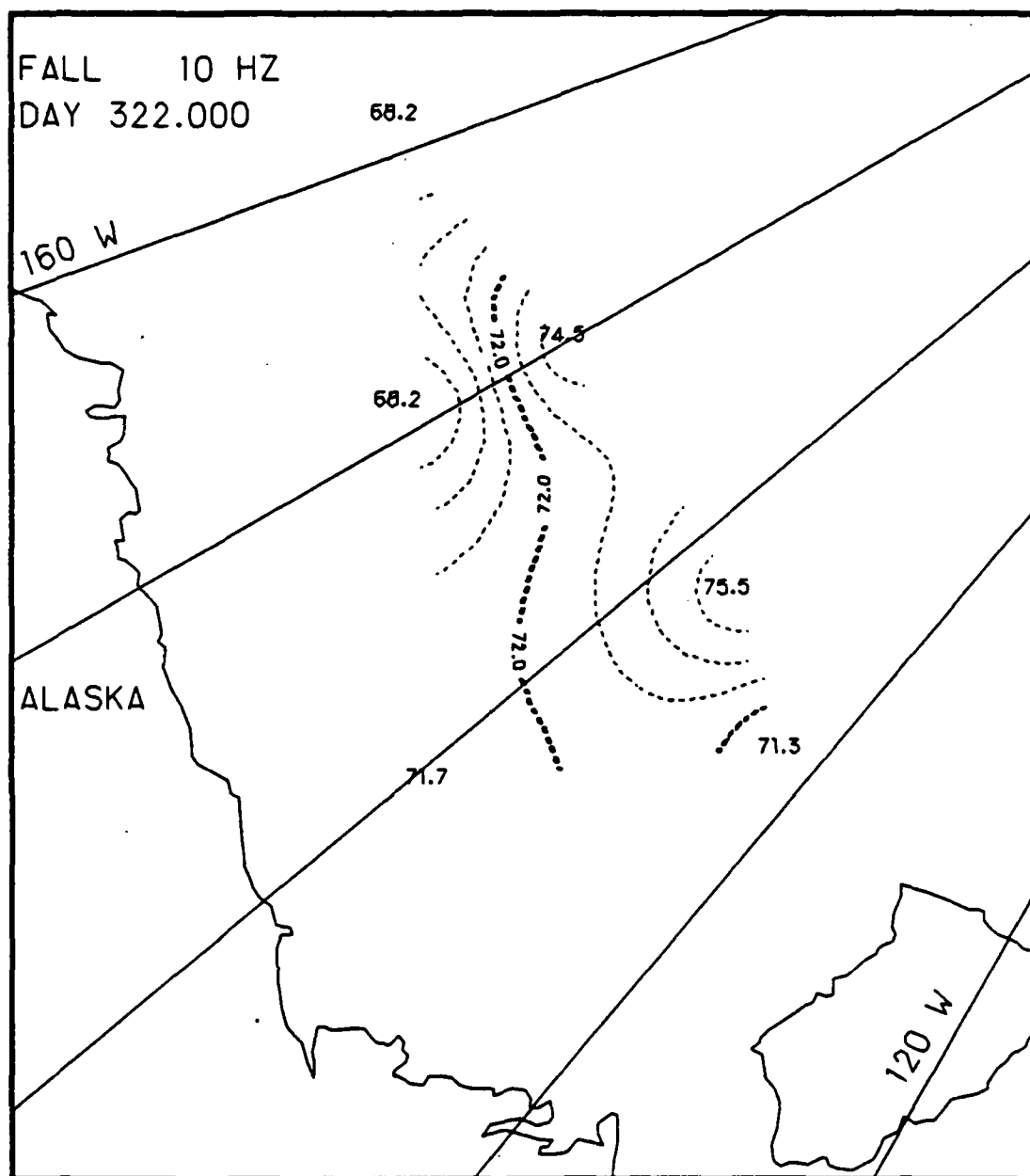


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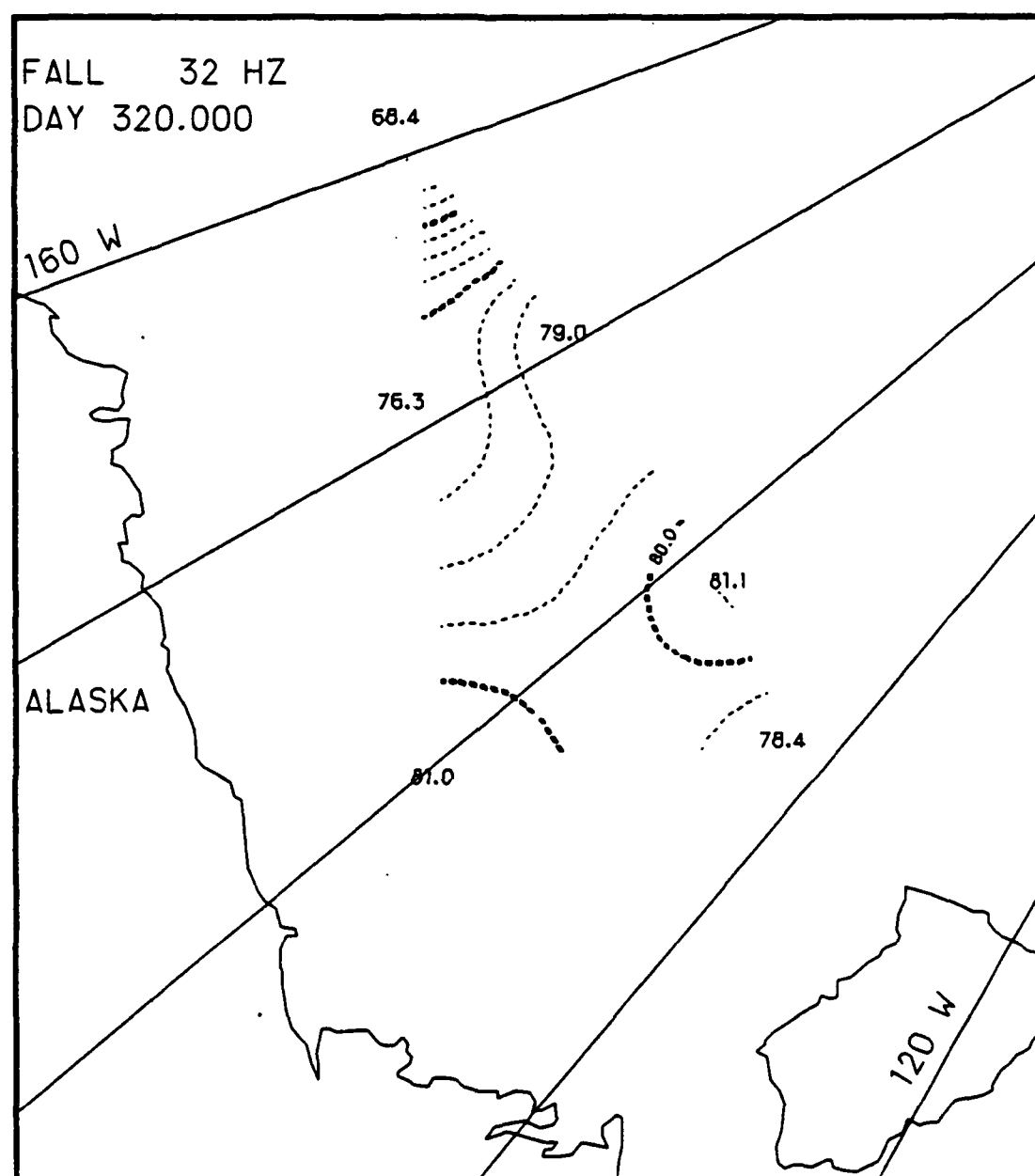


Fig. C.18. Spatial noise variations, day 320.0, based on the AIDJEX 32 Hz noise data.

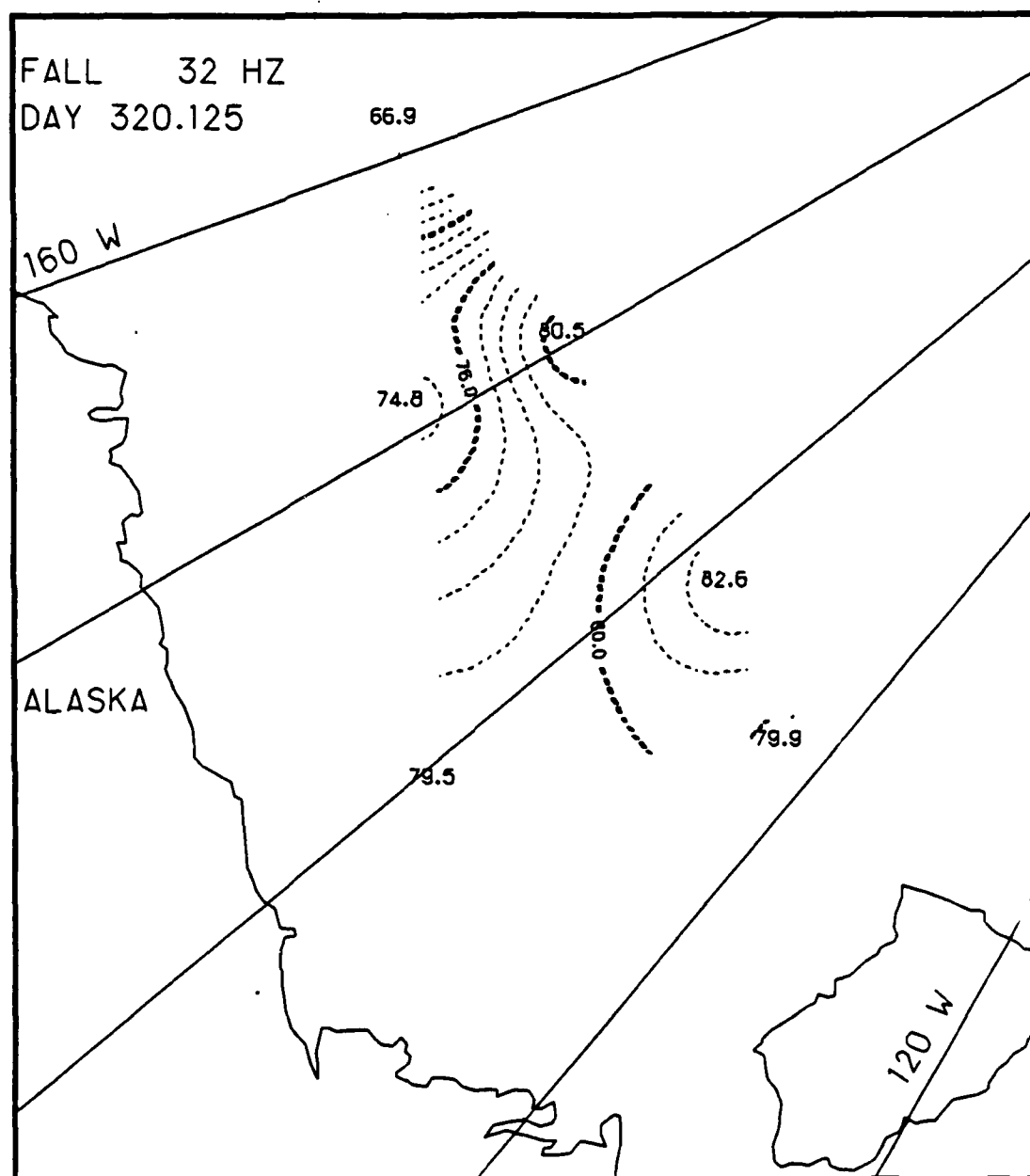


Fig. C.19. Spatial noise variations, day 320.125, based on the AIDJEX 32 Hz noise data.

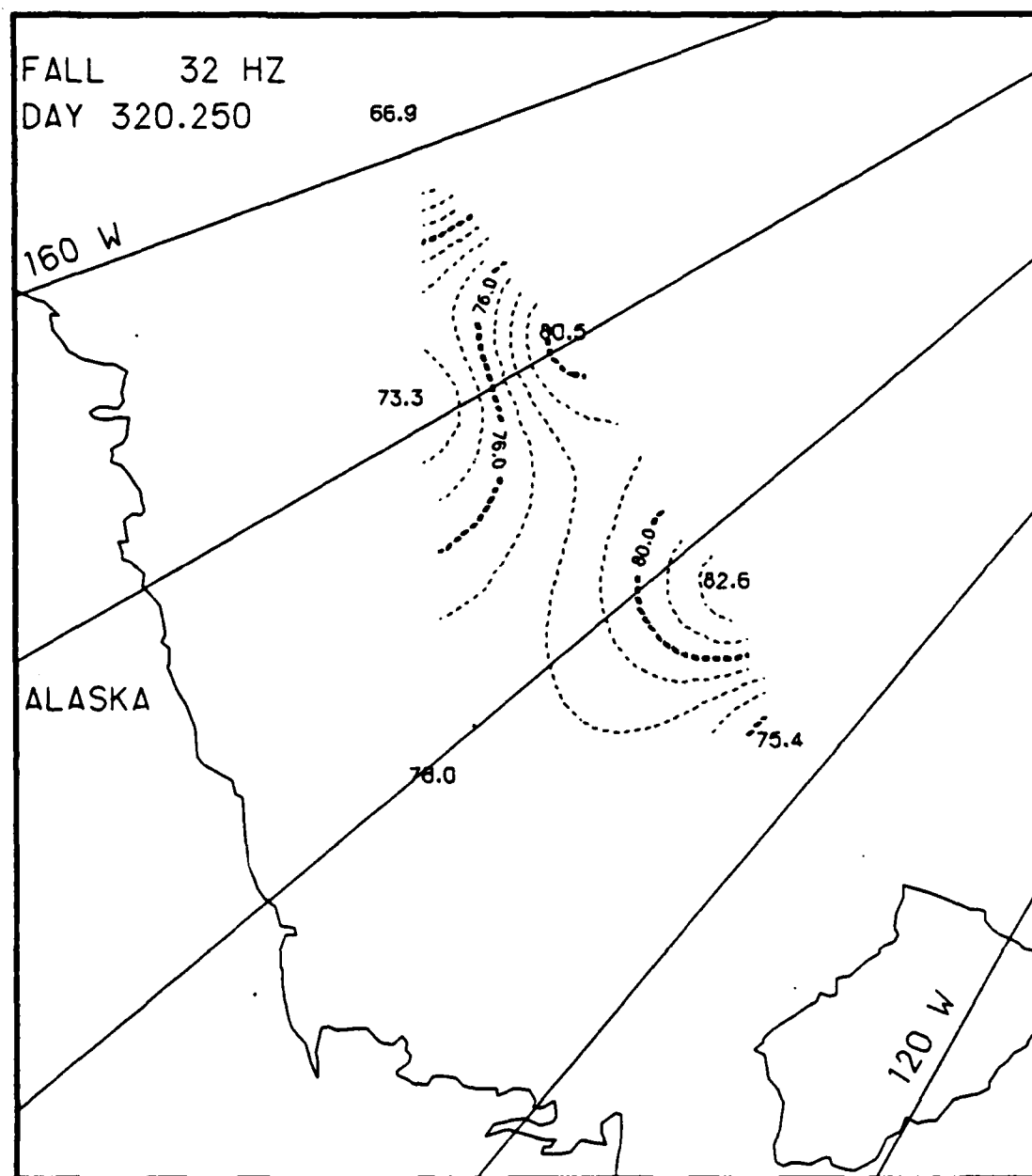


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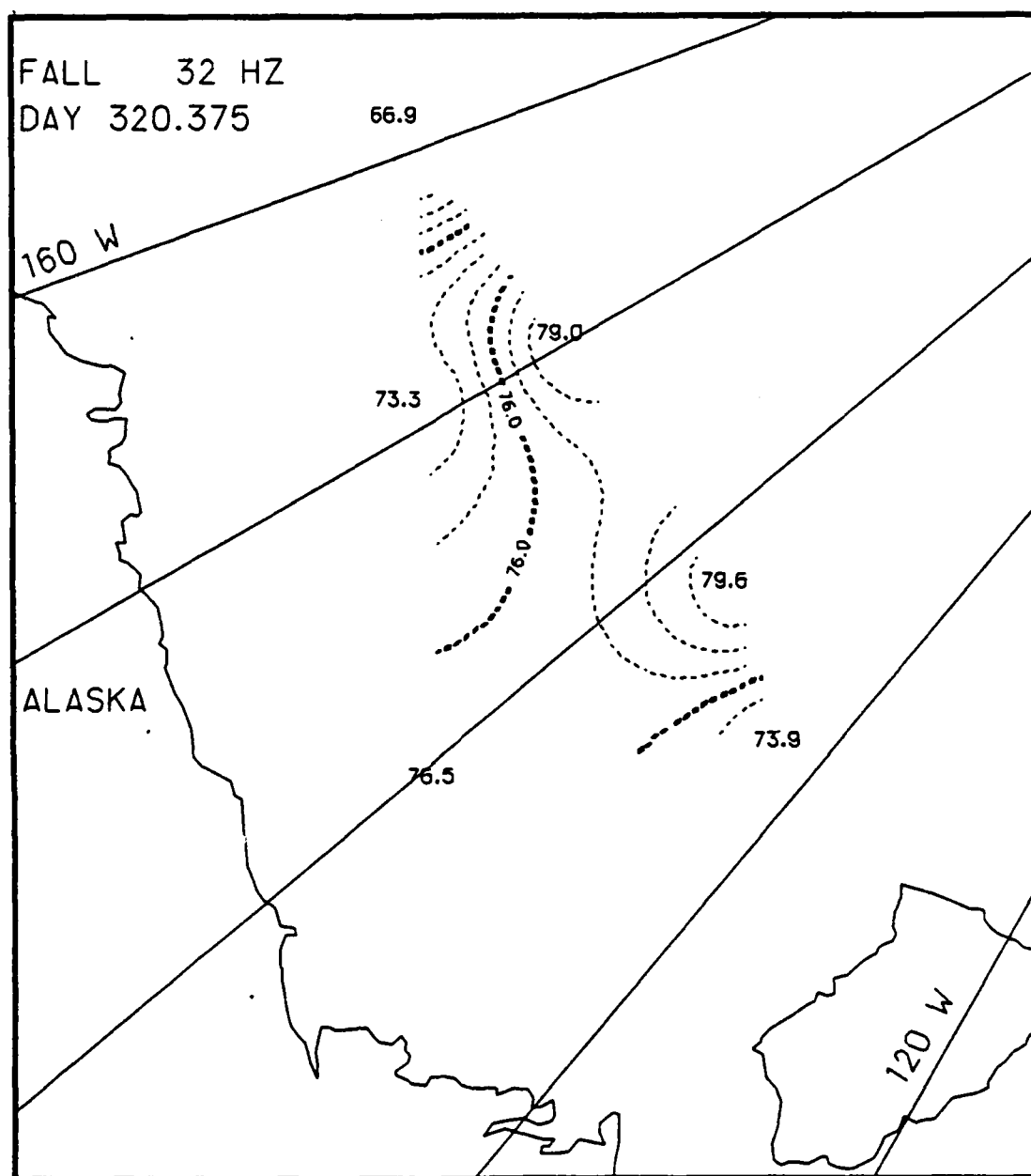


Fig. C.21. Spatial noise variations, day 320.375, based on the AIDJEX 32 Hz noise data.

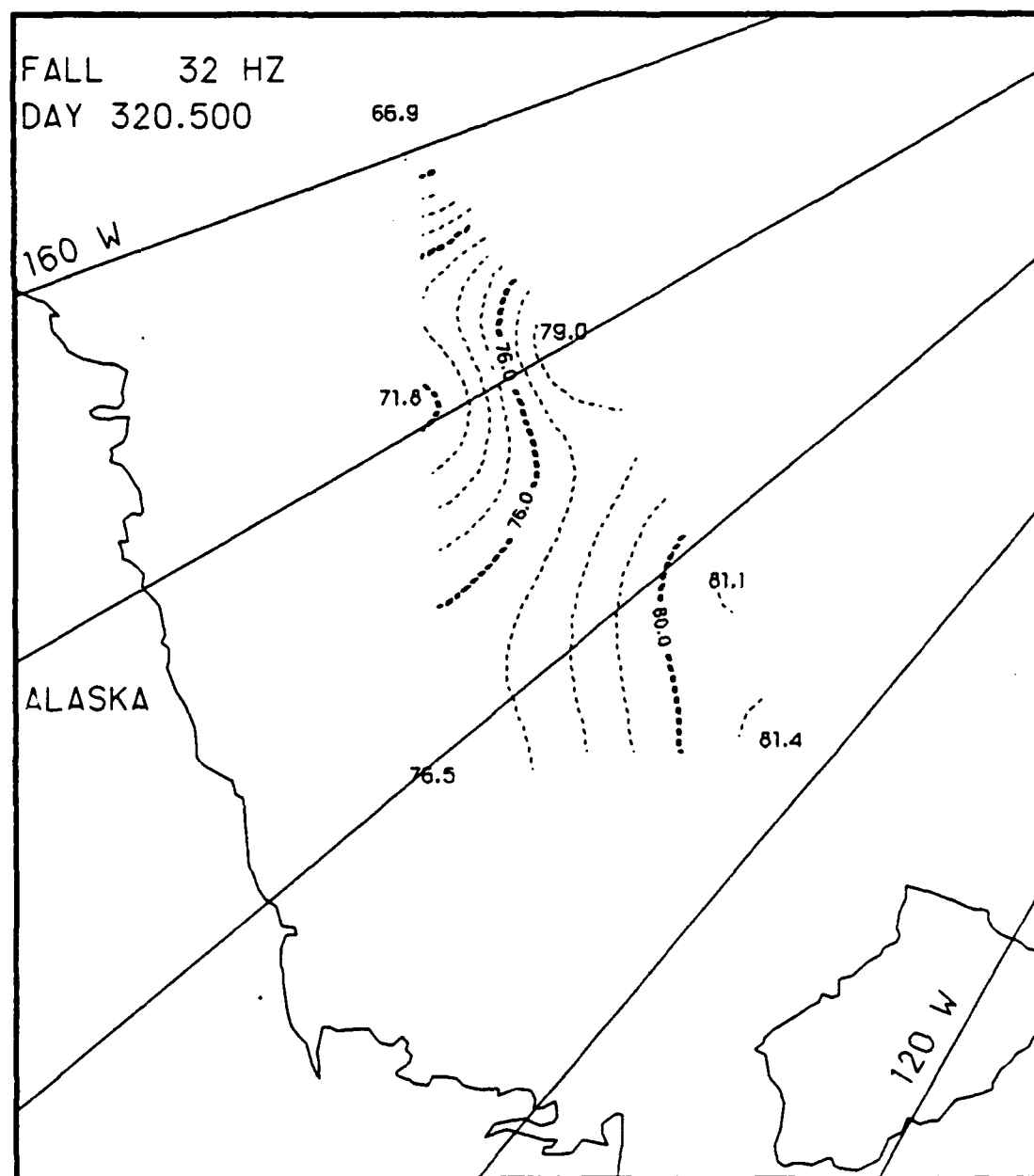


Fig. C.22. Spatial noise variations, day 320.5, based on the AIDJEX 32 Hz noise data.

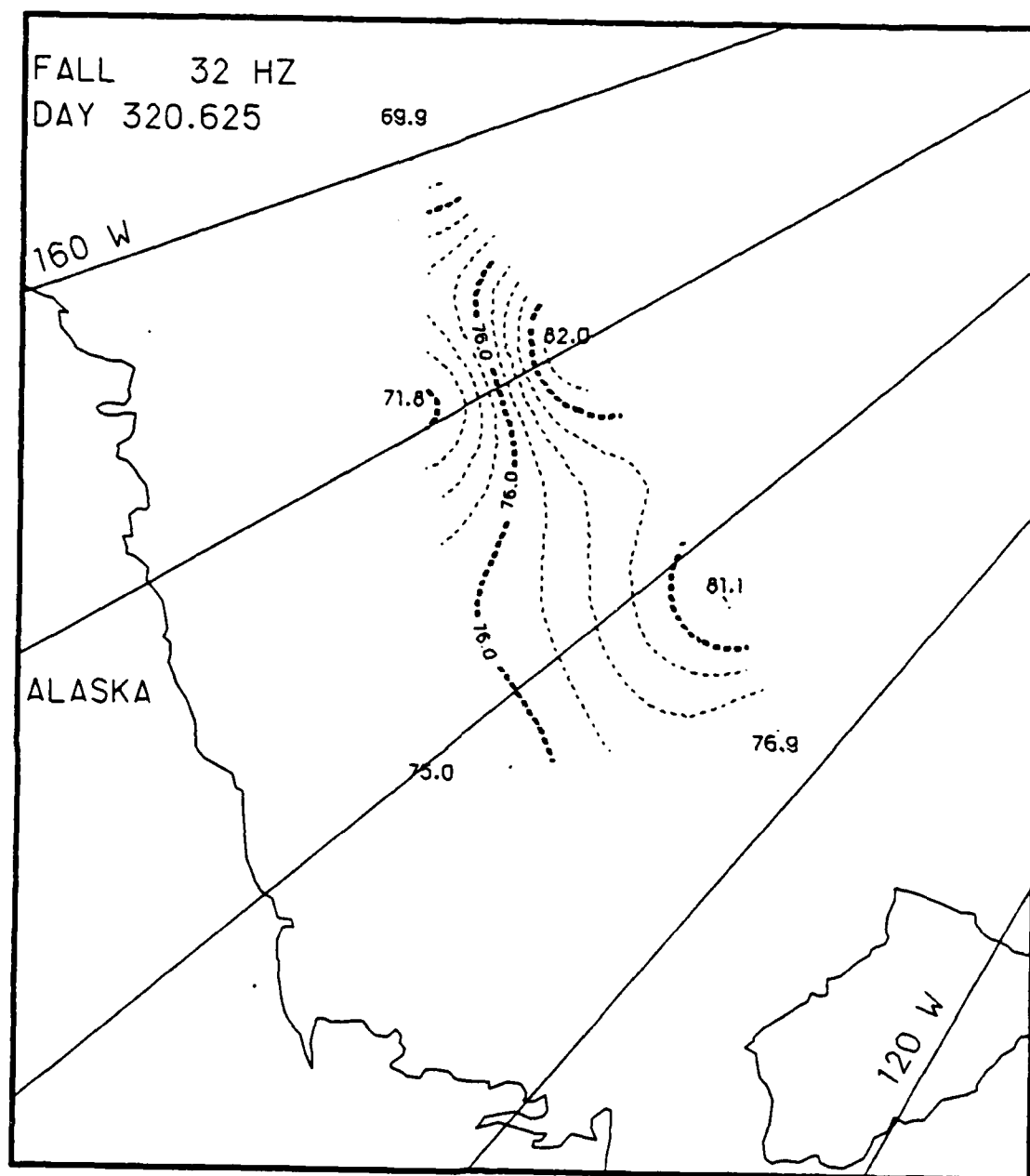


Fig. C.23. Spatial noise variations, day 320.625, based on the AIDJEX 32 Hz noise data.

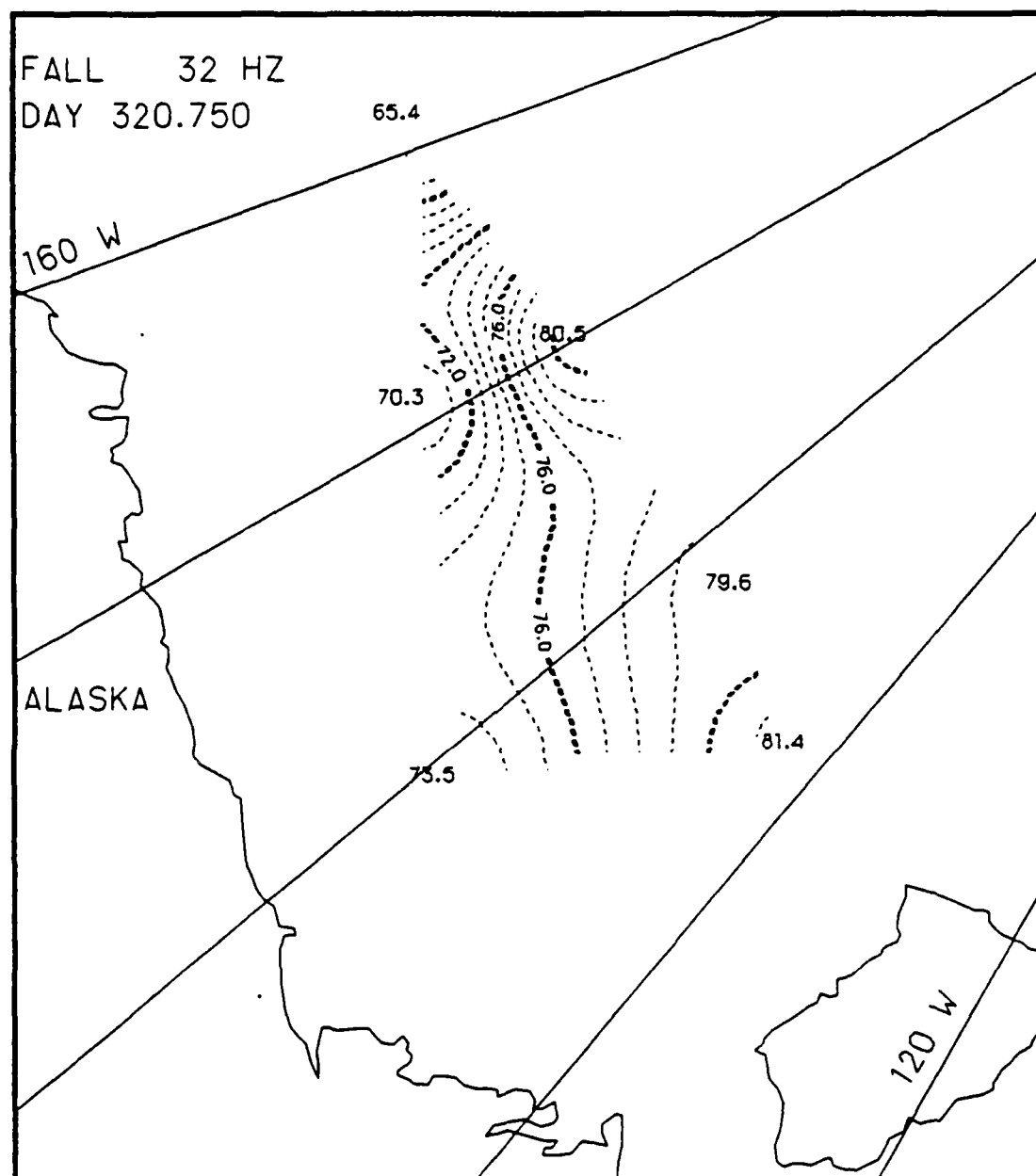


Fig. C.24. Spatial noise variations, day 320.75, based on the AIDJEX 32 Hz noise data.

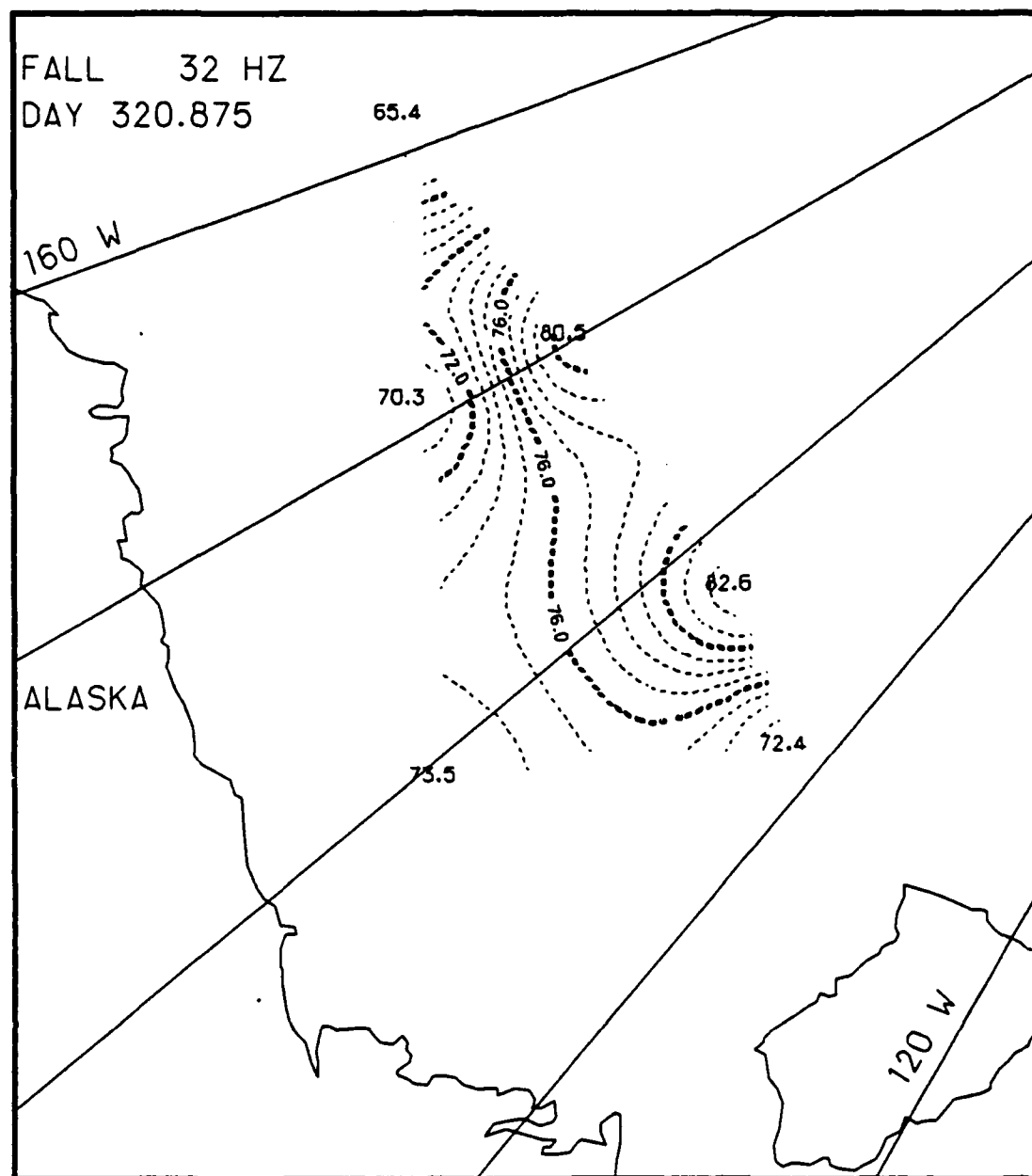


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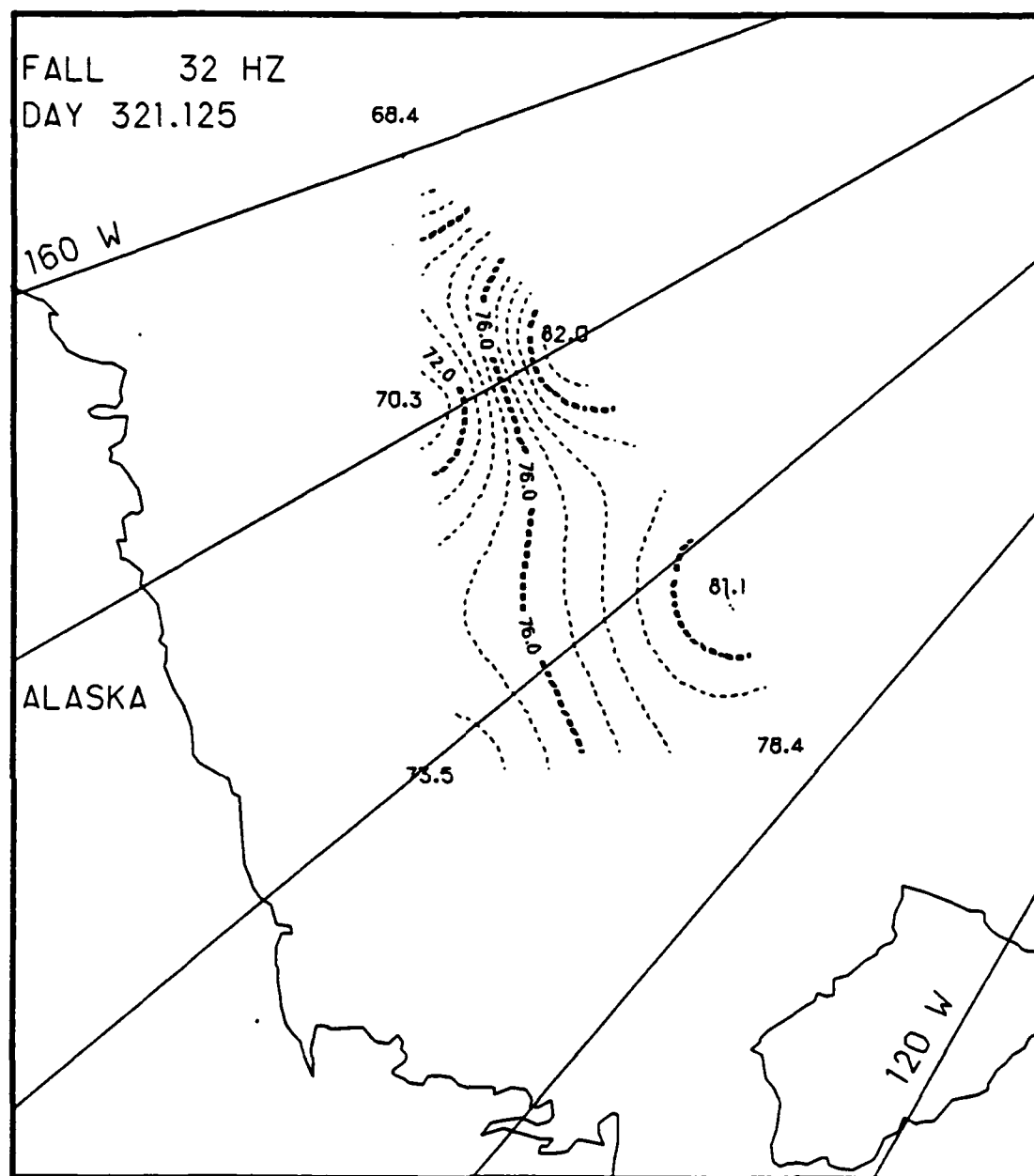


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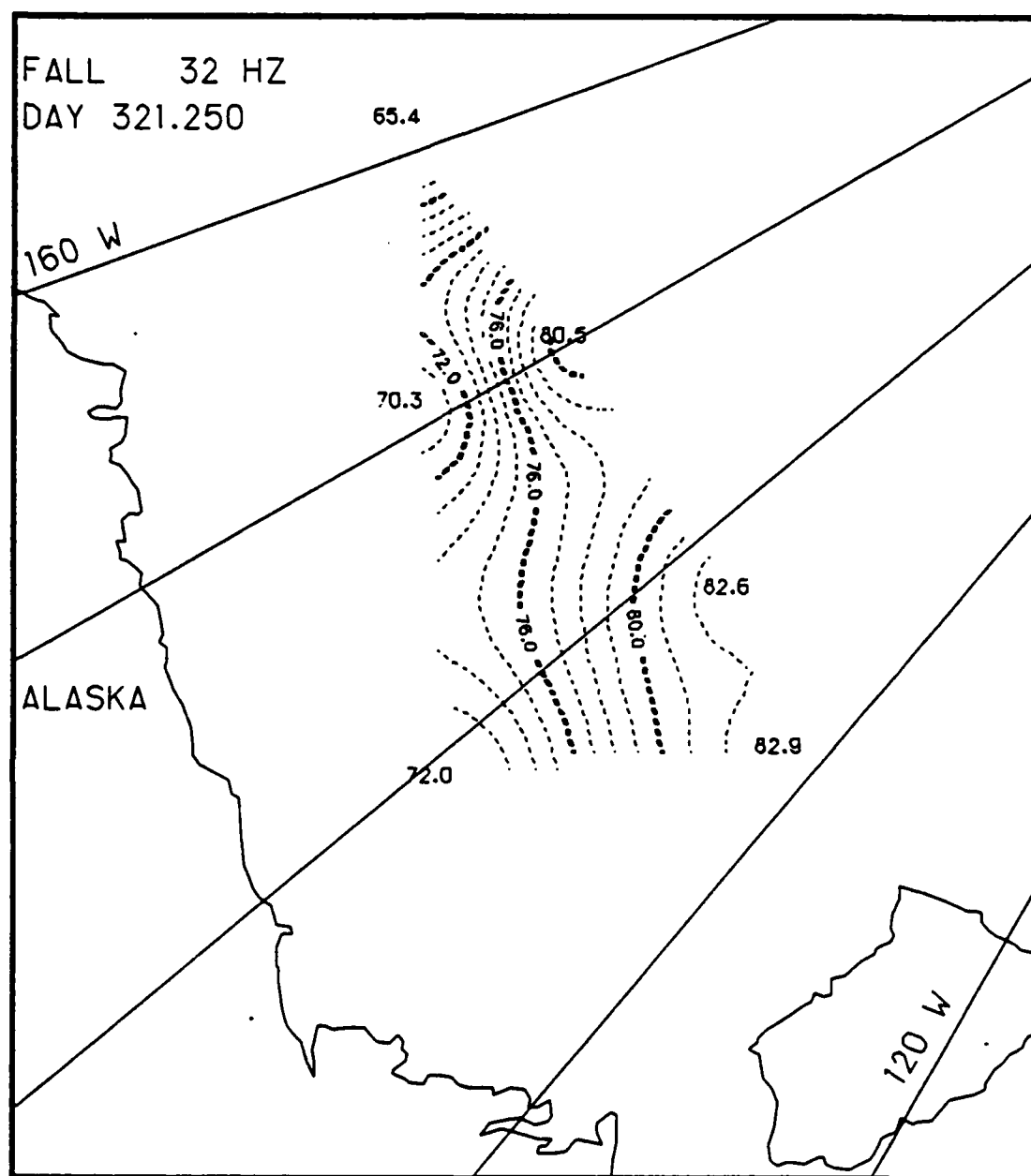


Fig. C.28. Spatial noise variations, day 321.25, based on the AIDJEX 32 Hz noise data.

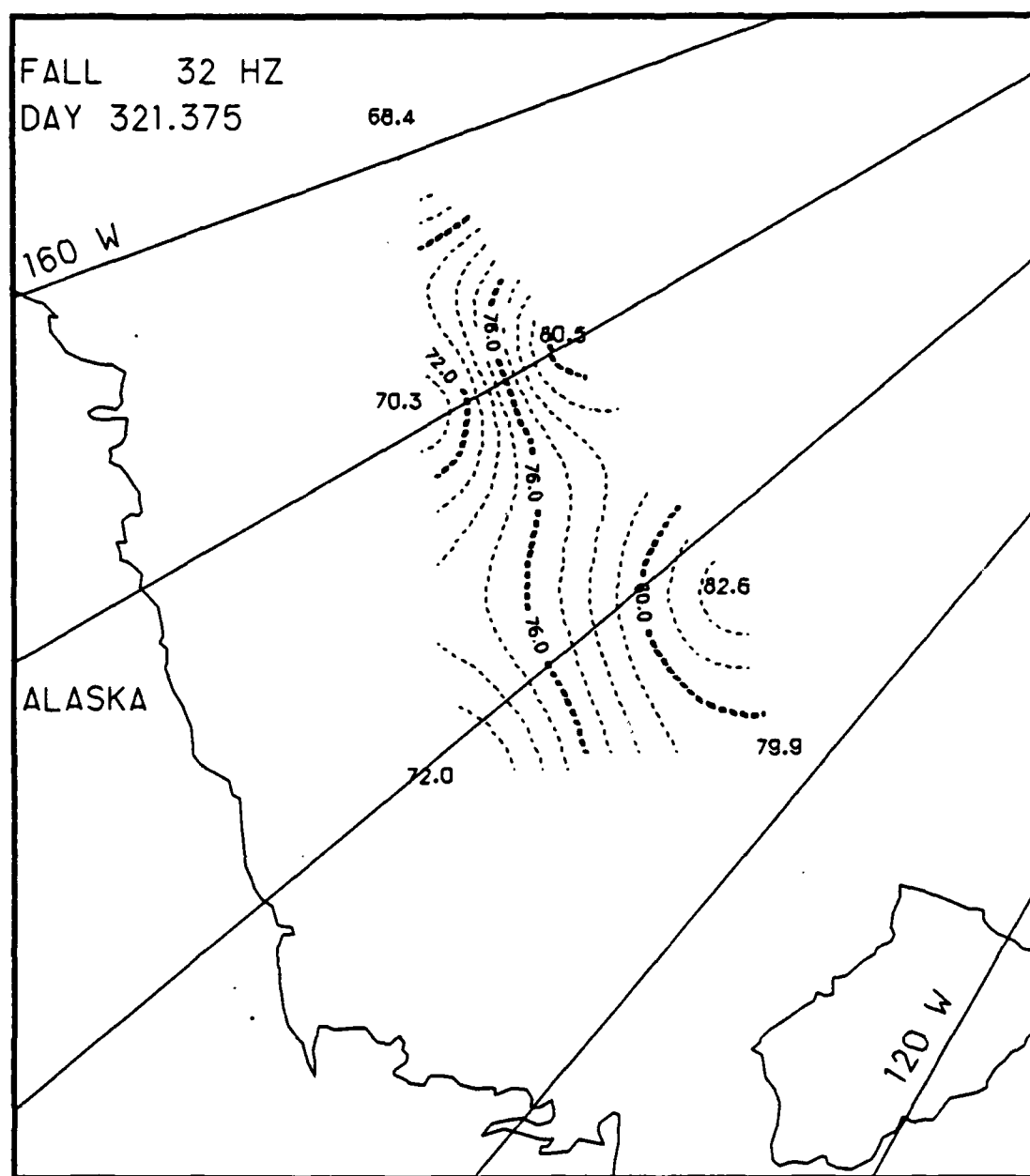


Fig. C.29. Spatial noise variations, day 321.375, based on the AIDJEX 32 Hz noise data.

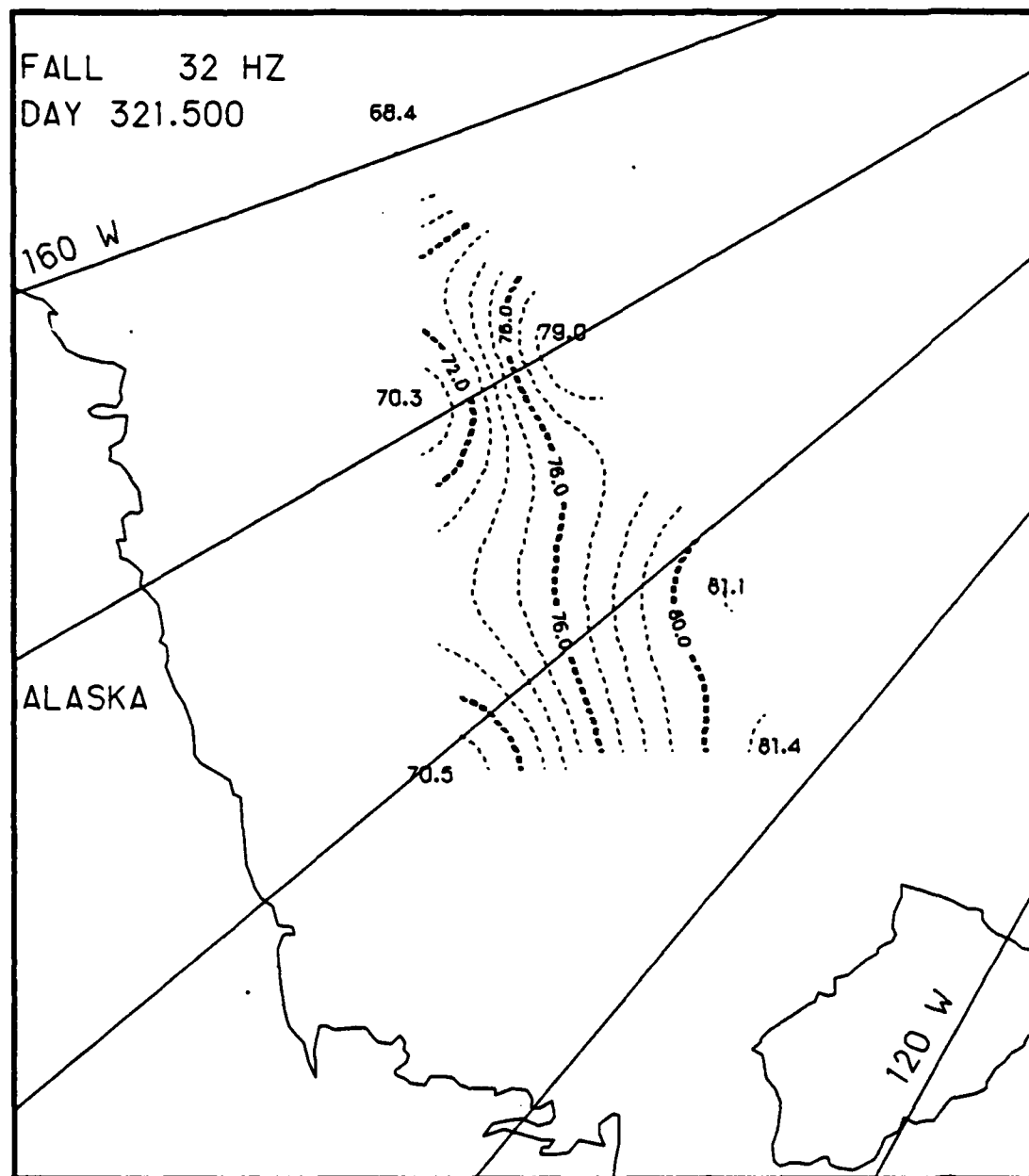


Fig. C.30. Spatial noise variations, day 321.5, based on the AIDJEX 32 Hz noise data.

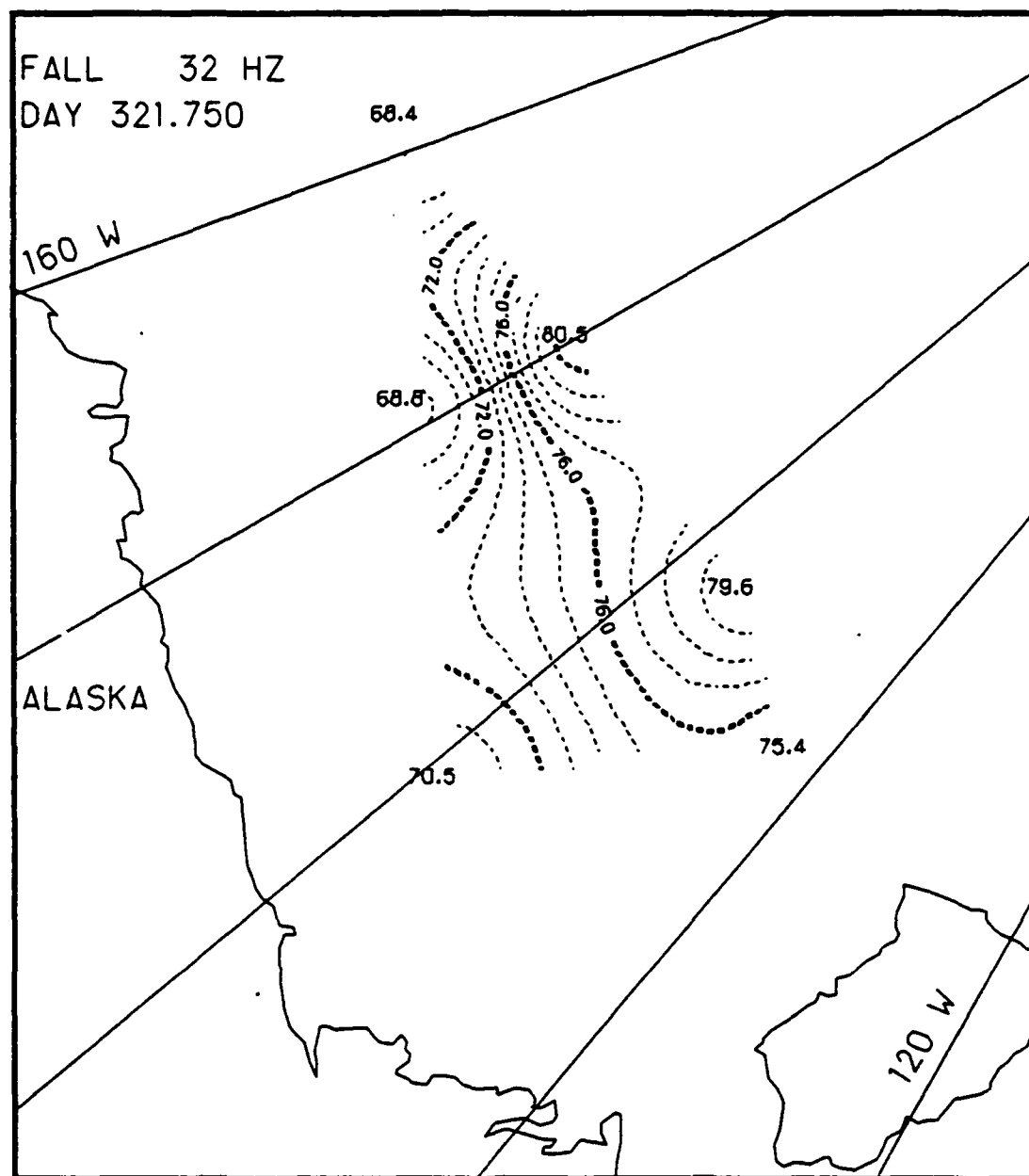


Fig. C.32. Spatial noise variations, day 321.75, based on the AIDJEX 32 Hz noise data.

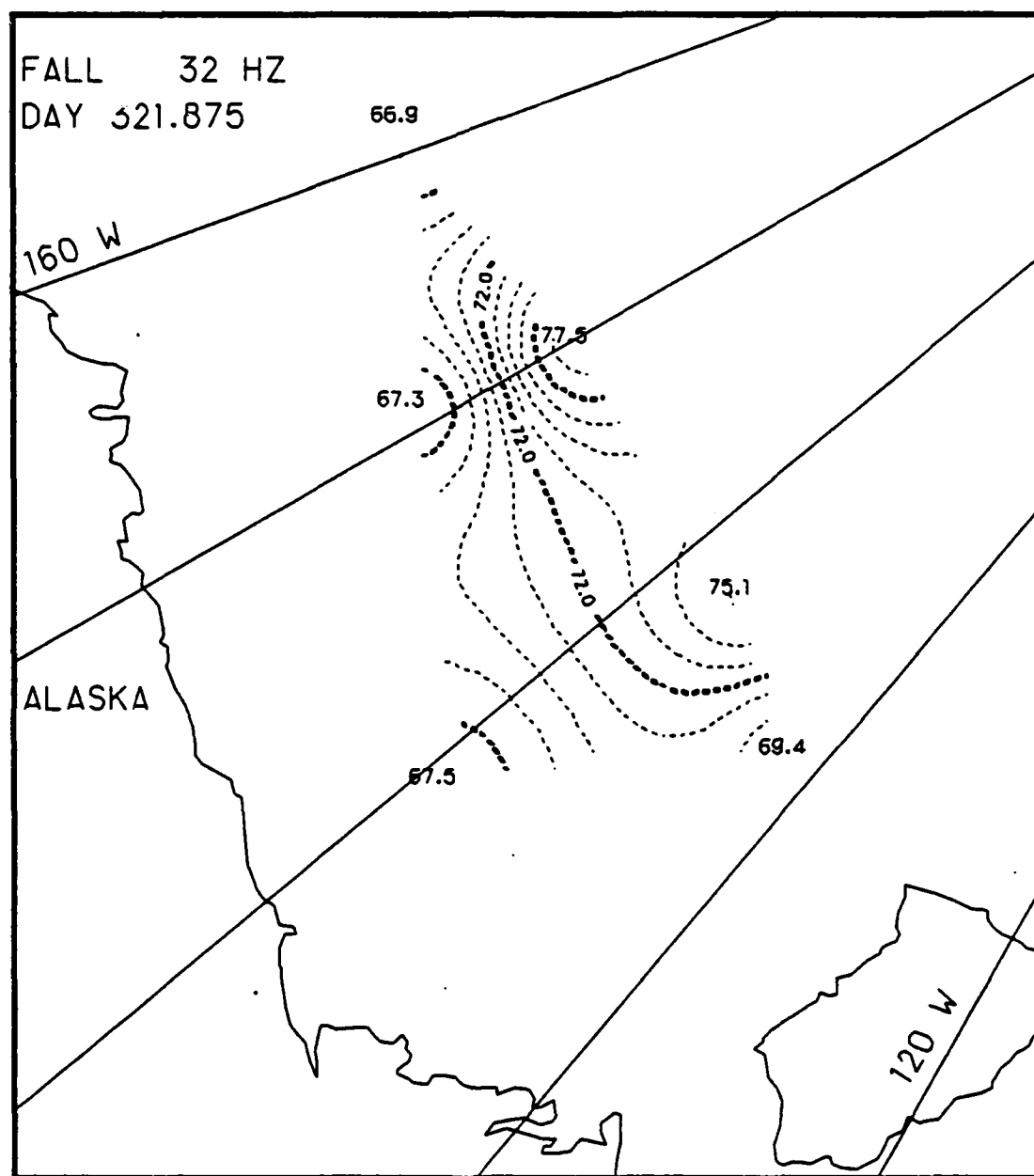


Fig. C.33. Spatial noise variations, day 321.875, based on the AIDJEX 32 Hz noise data.

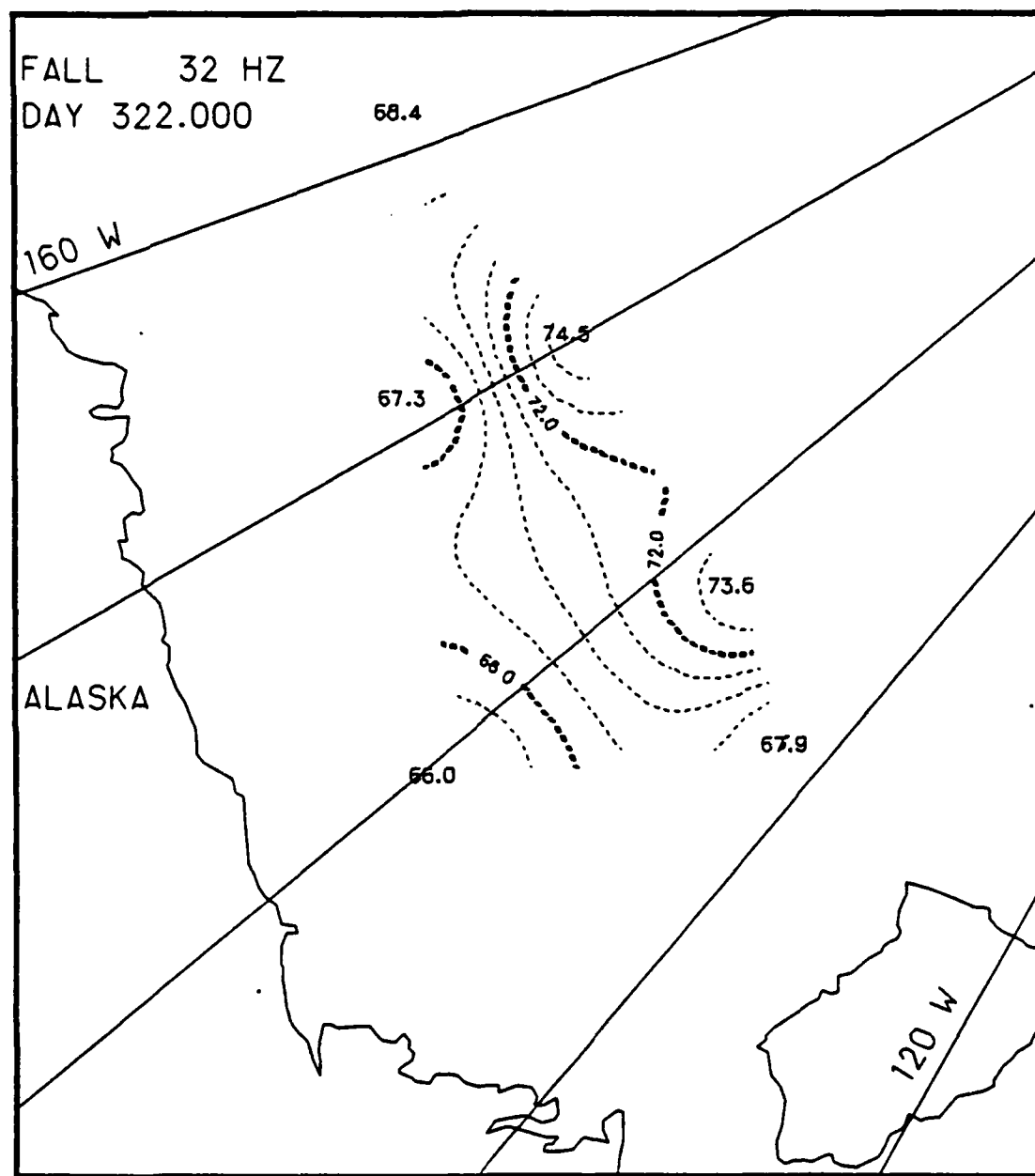


Fig. C.34. Spatial noise variations, day 322.0, based on the AIDJEX 32 Hz noise data.

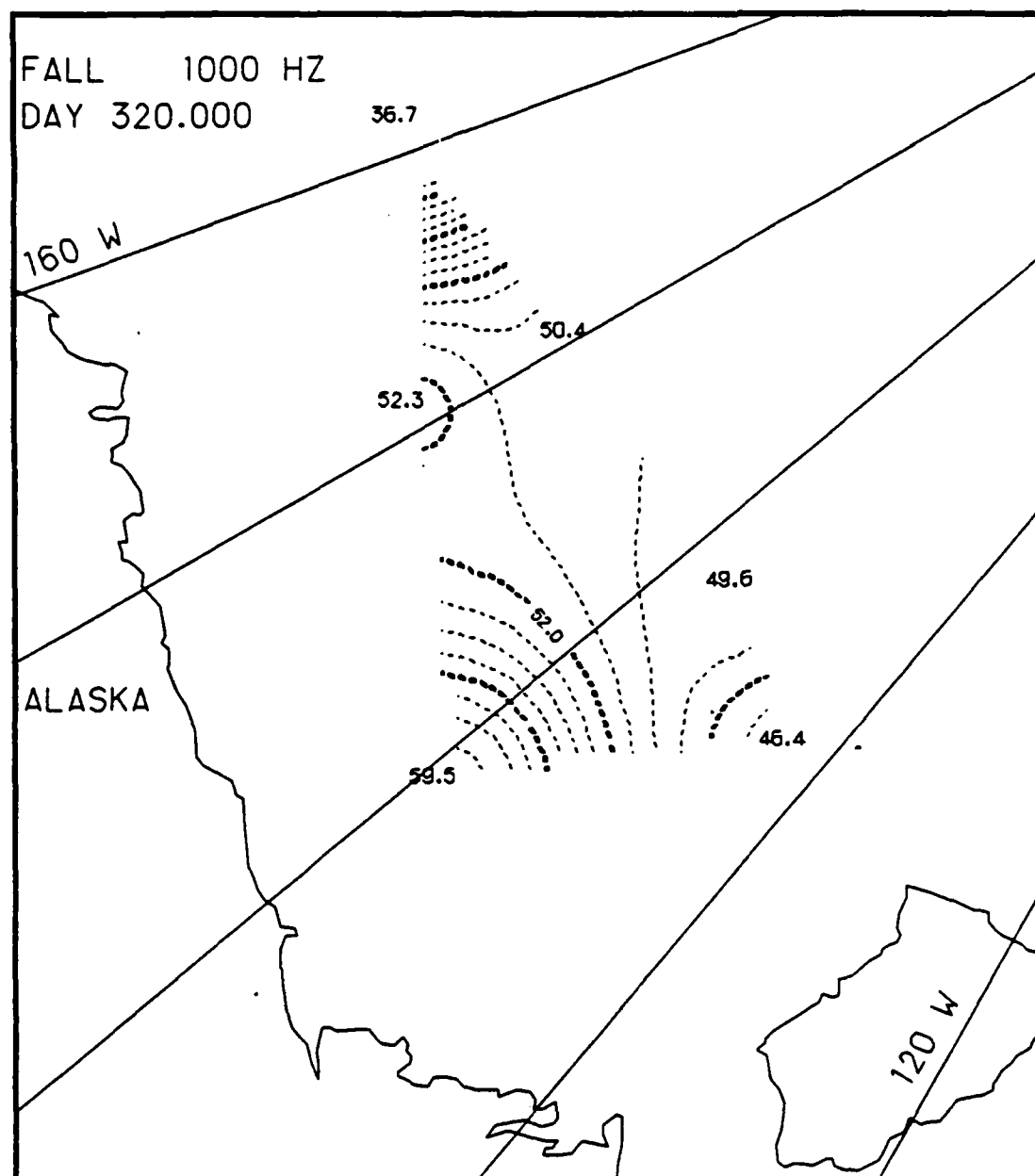


Fig. C.35. Spatial noise variations, day 320.0, based on the AIDJEX 1000 Hz noise data.

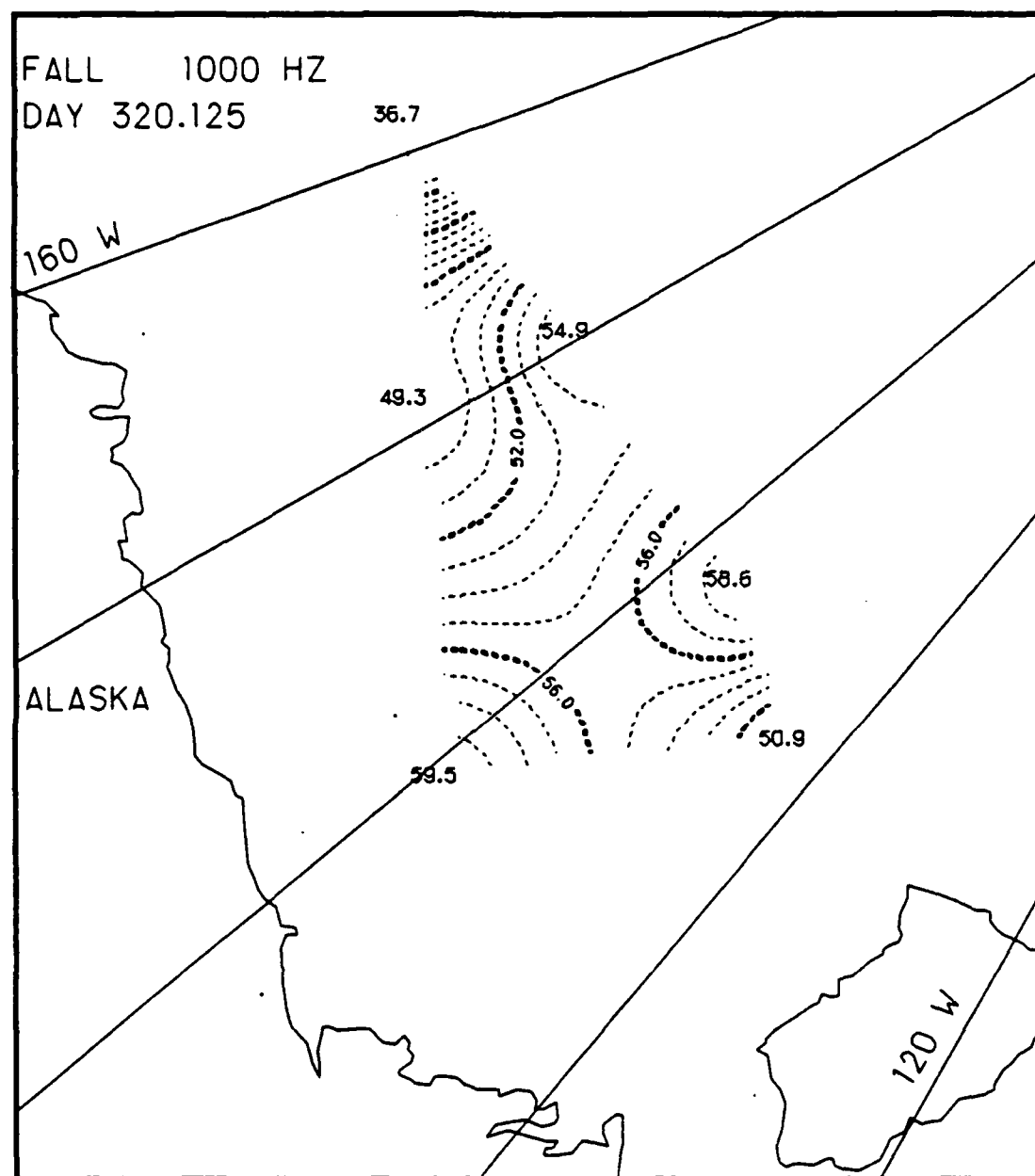


Fig. C.36. Spatial noise variations, day 320.125, based on the AIDJEX 1000 Hz noise data.

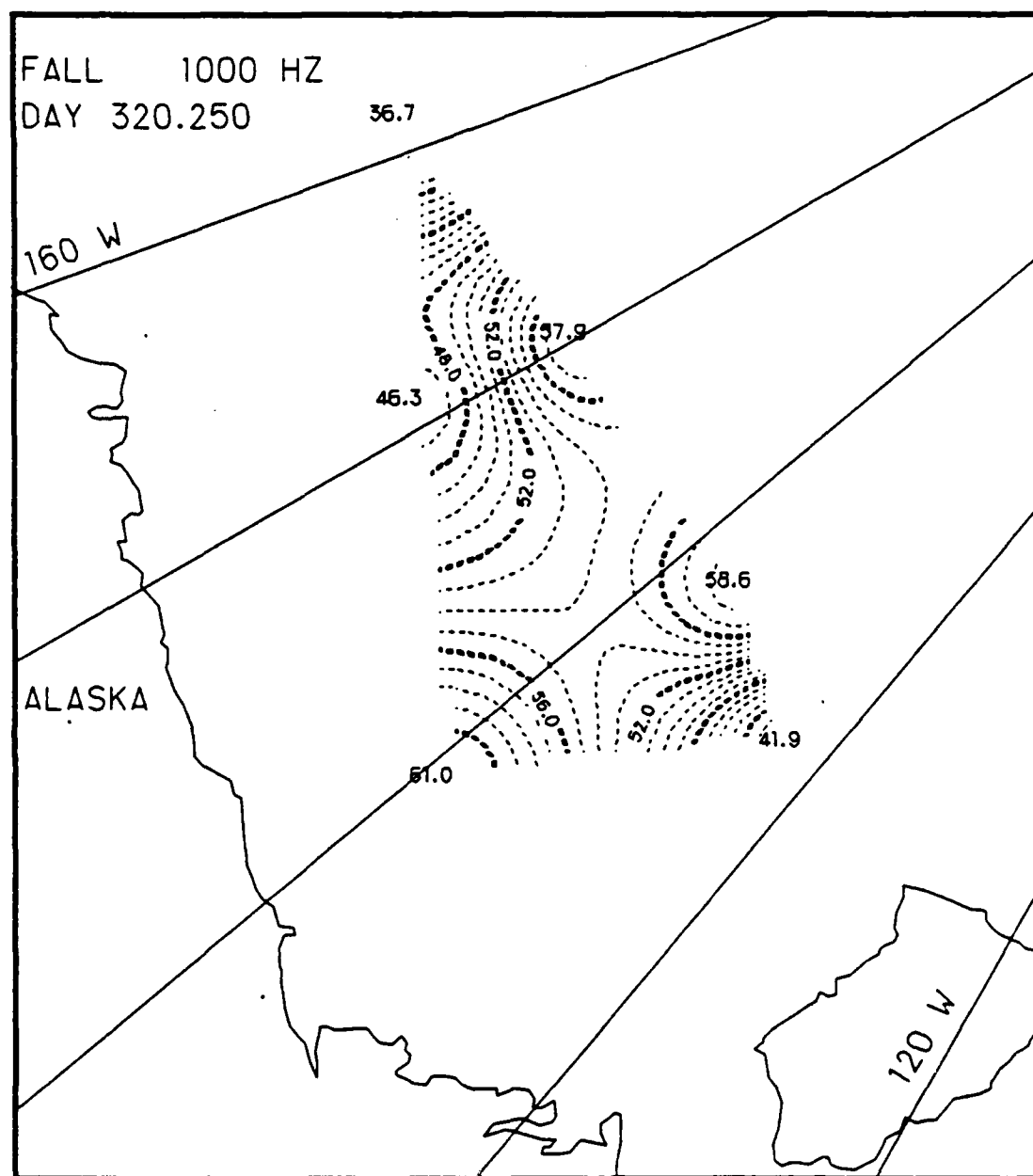


Fig. C.37. Spatial noise variations, day 320.25, based on the AIDJEX 1000 Hz noise data.

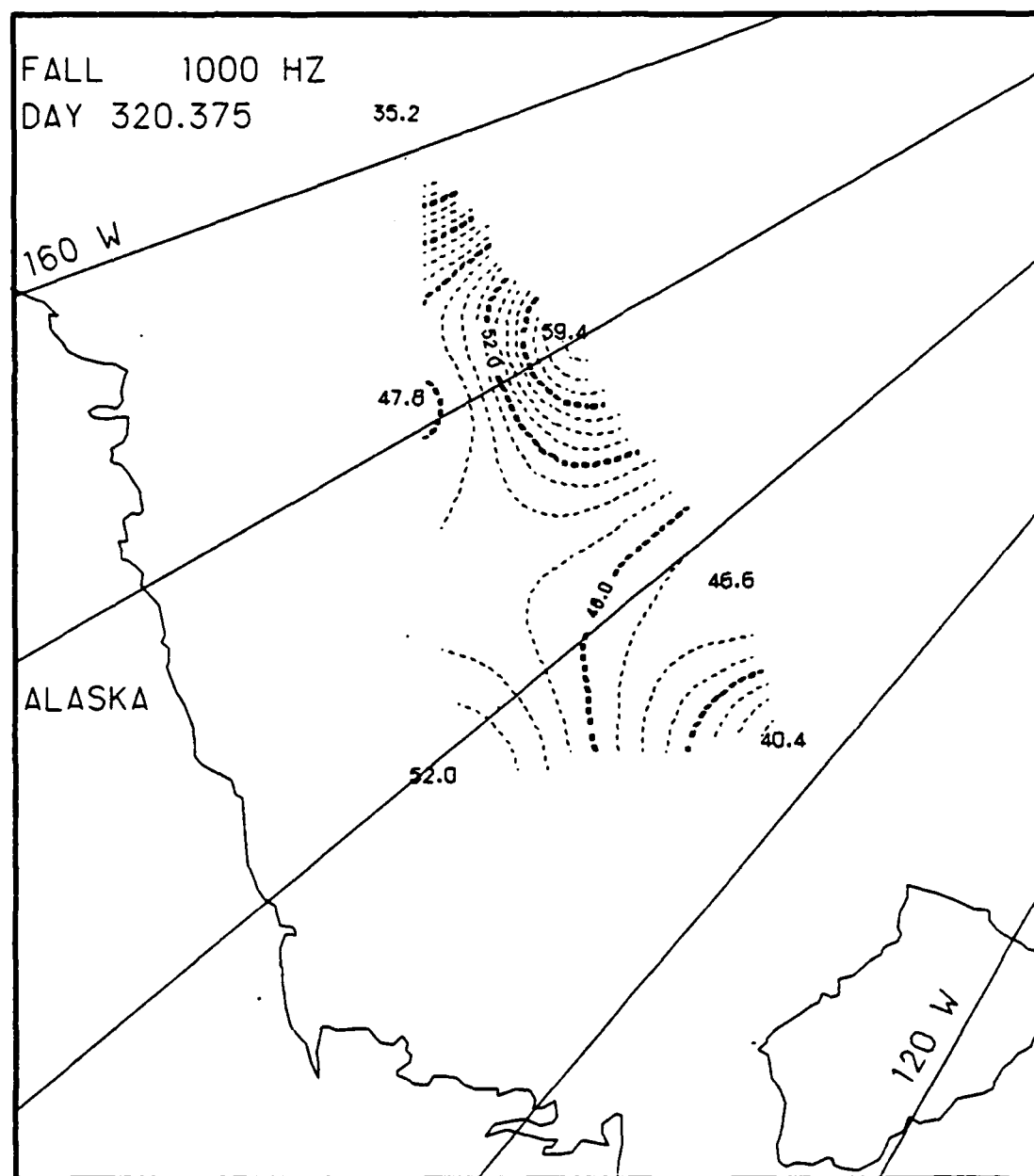


Fig. C.38. Spatial noise variations, day 320.375, based on the AIDJEX 1000 Hz noise data.

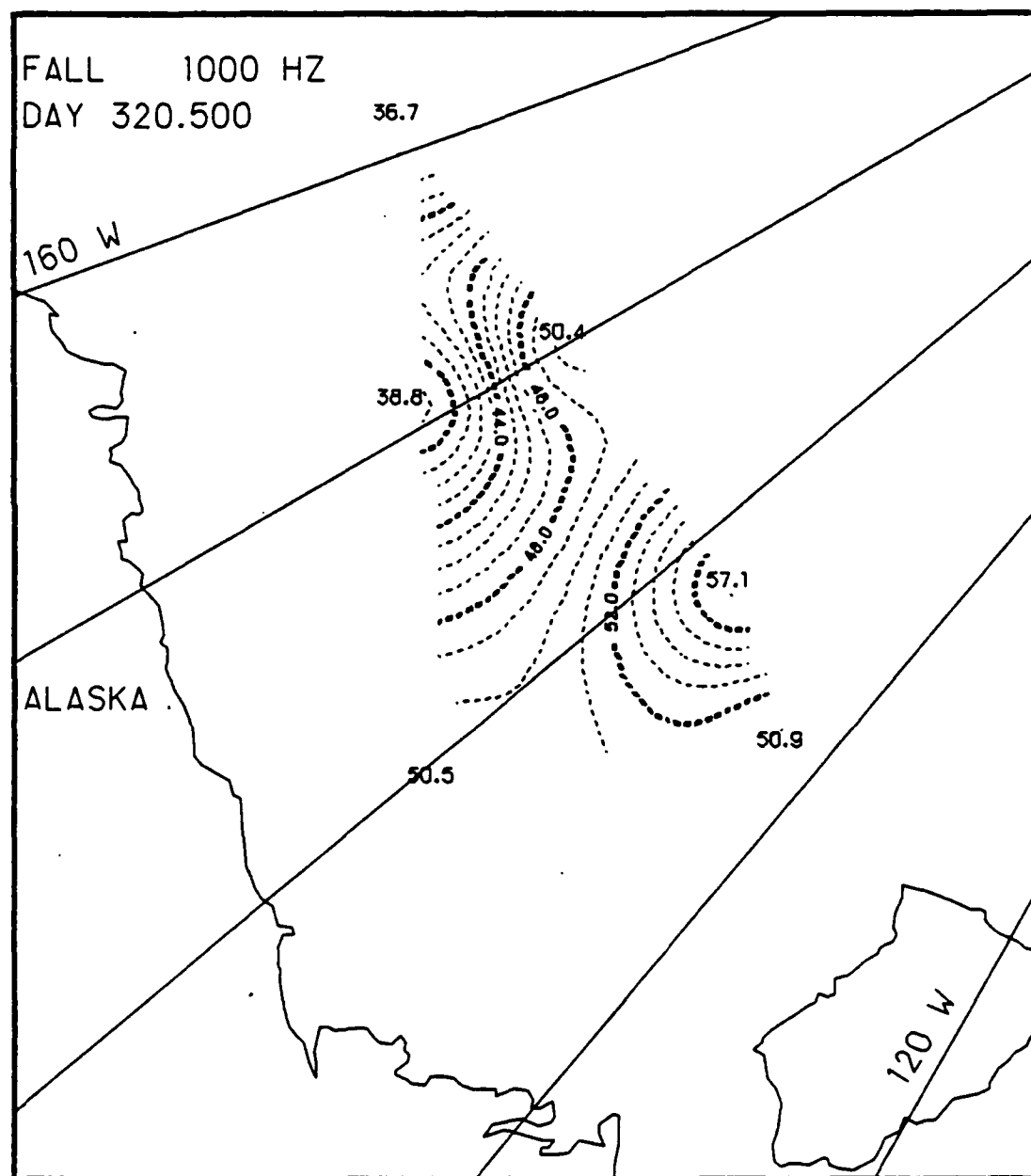


Fig. C.39. Spatial noise variations, day 320.5, based on the AIDJEX 1000 Hz noise data.

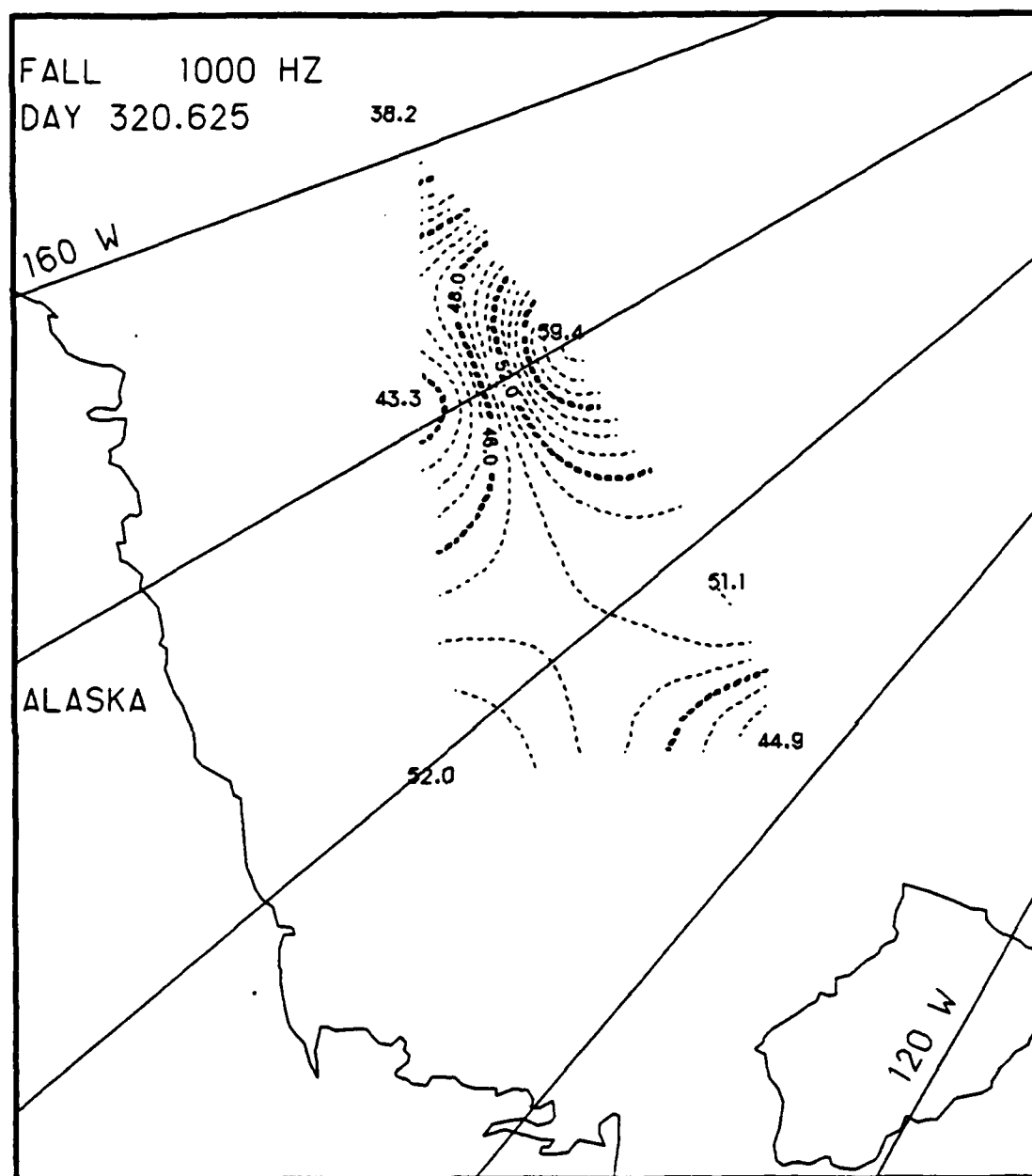


Fig. C.40. Spatial noise variations, day 320.625, based on the AIDJEX 1000 Hz noise data.

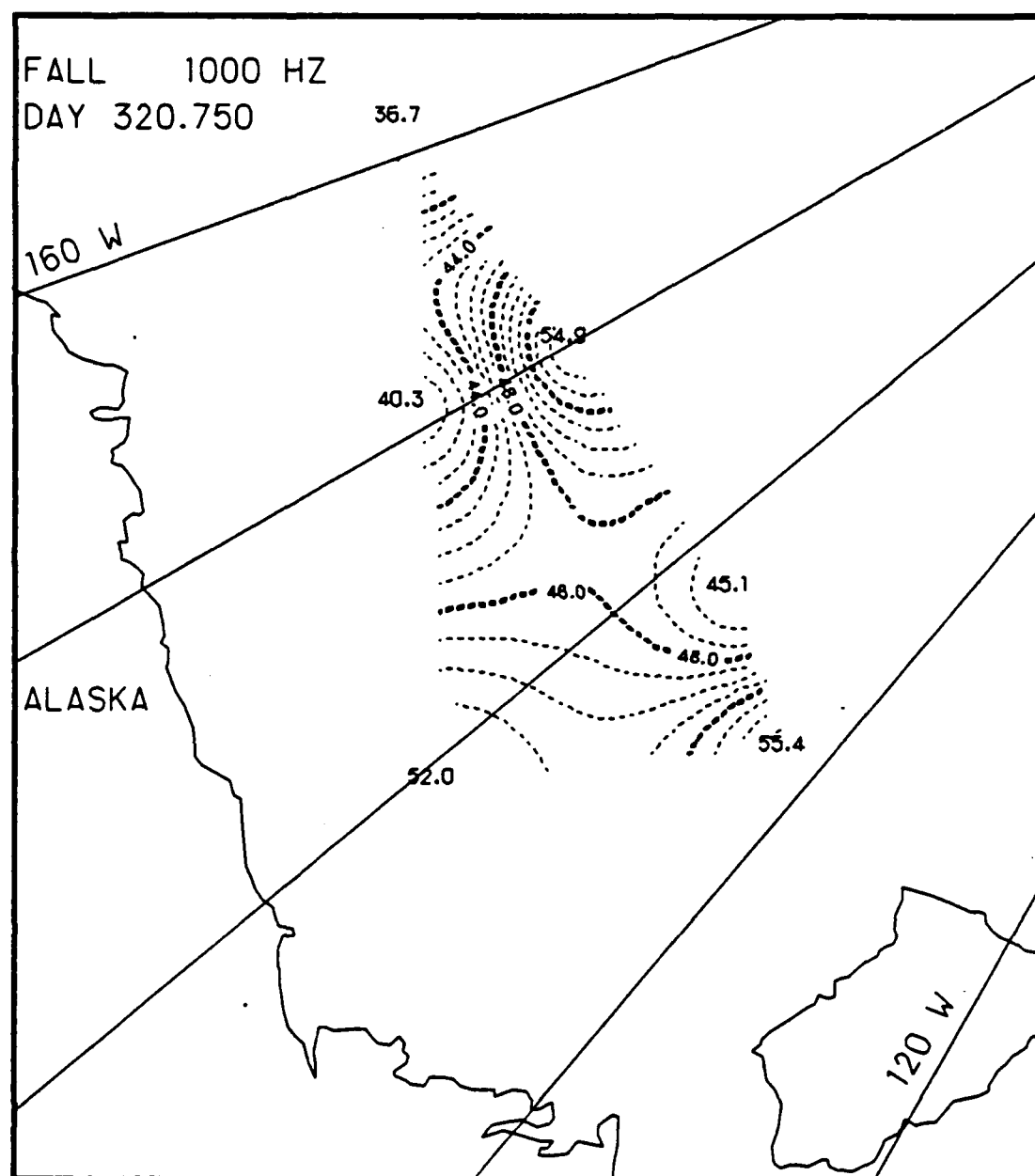


Fig. C.41. Spatial noise variations, day 320.75, based on the AIDJEX 1000 Hz noise data.

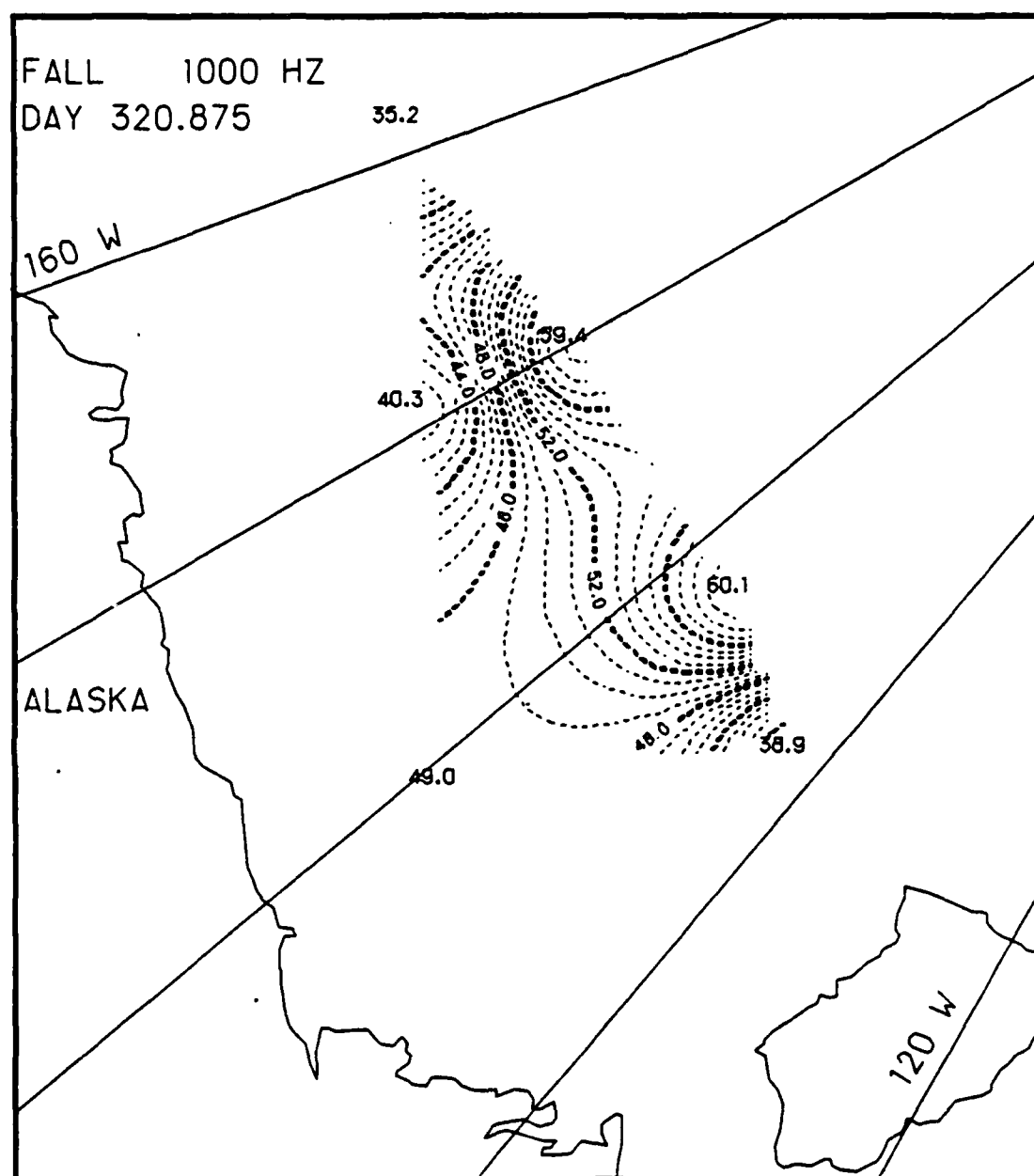


Fig. C.42. Spatial noise variations, day 320.875, based on the AIDJEX 1000 Hz noise data.

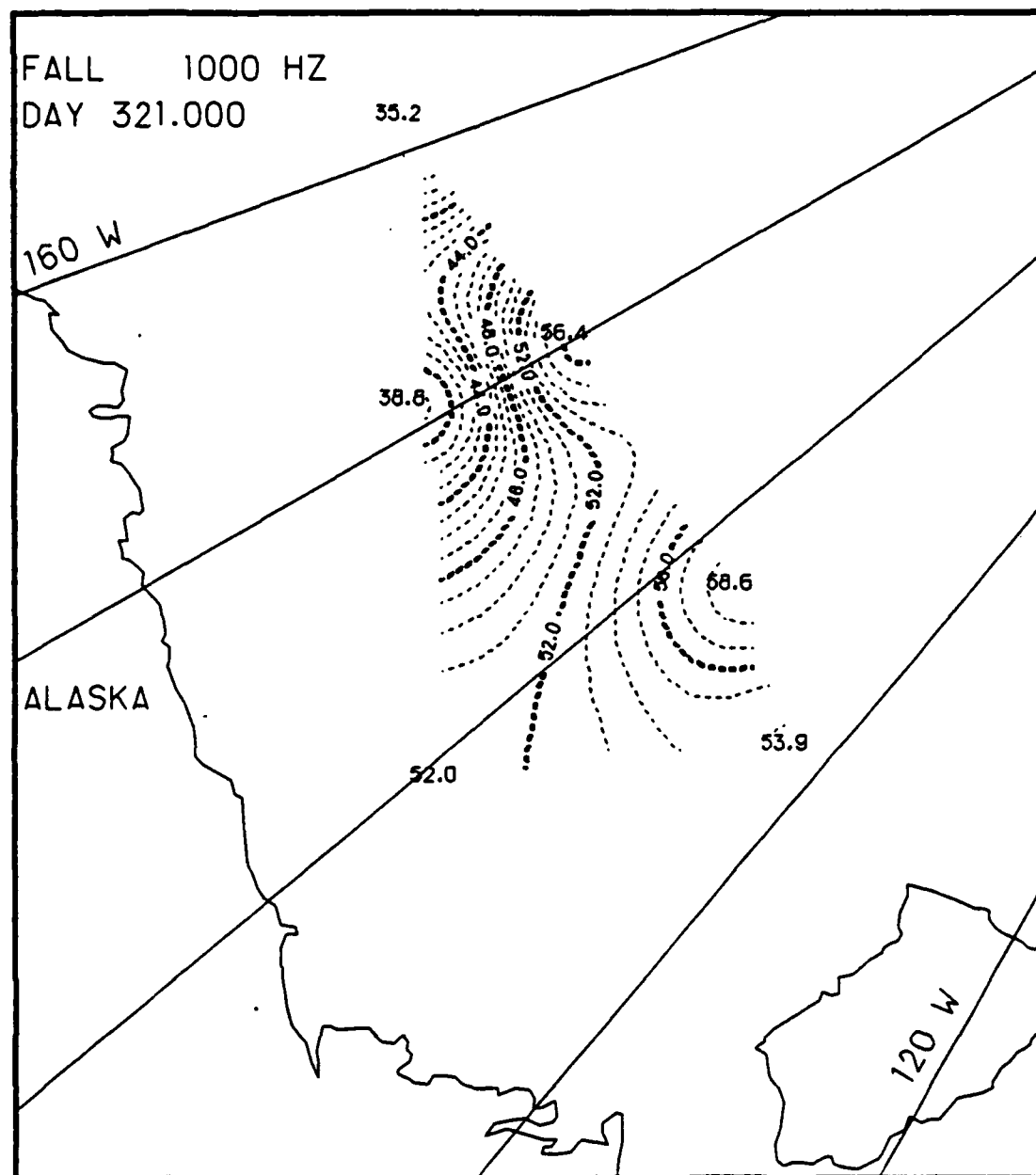


Fig. C.43. Spatial noise variations, day 321.0, based on the AIDJEX 1000 Hz noise data.

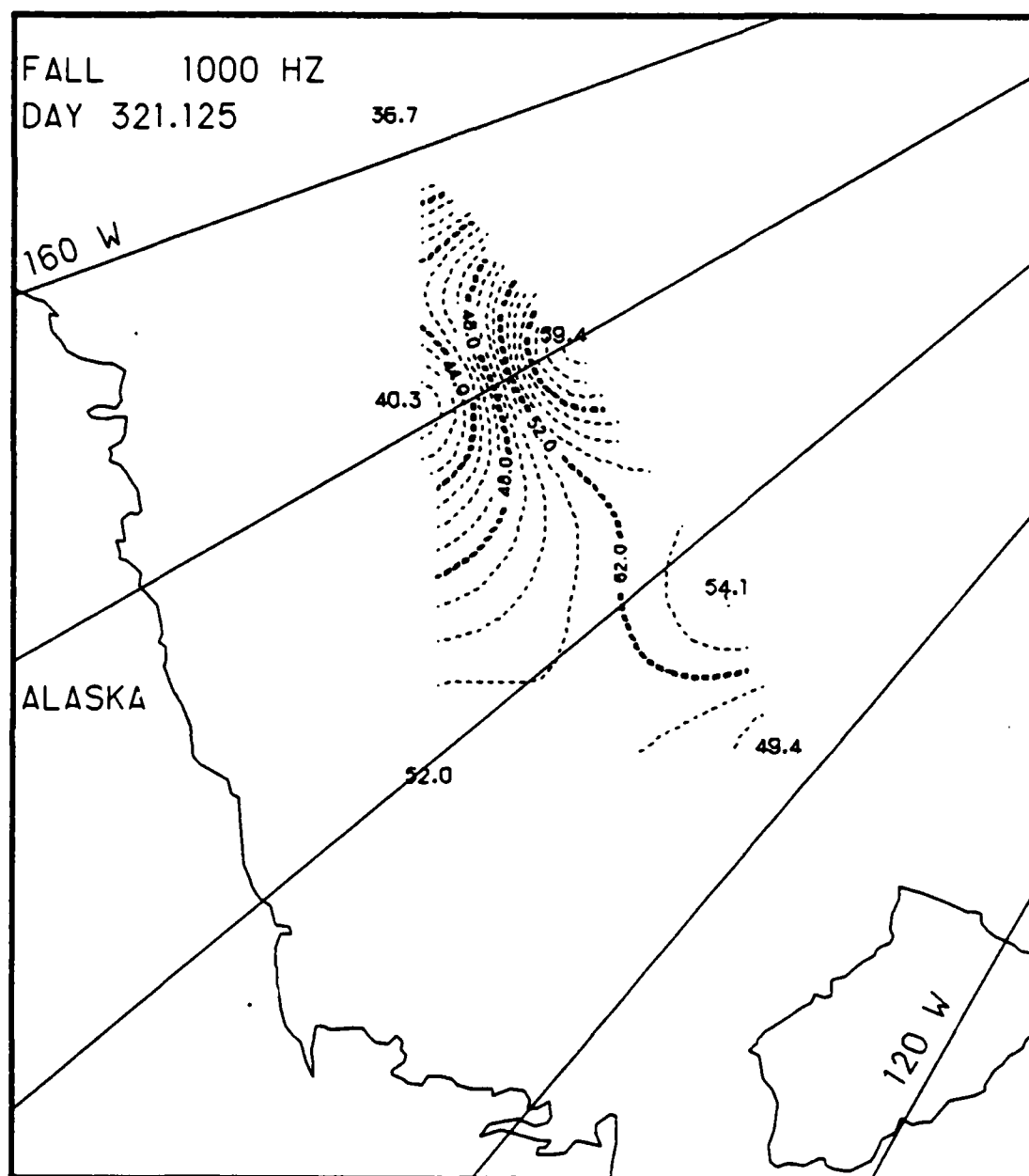


Fig. C.44. Spatial noise variations, day 321.125, based on the AIDJEX 1000 Hz noise data.

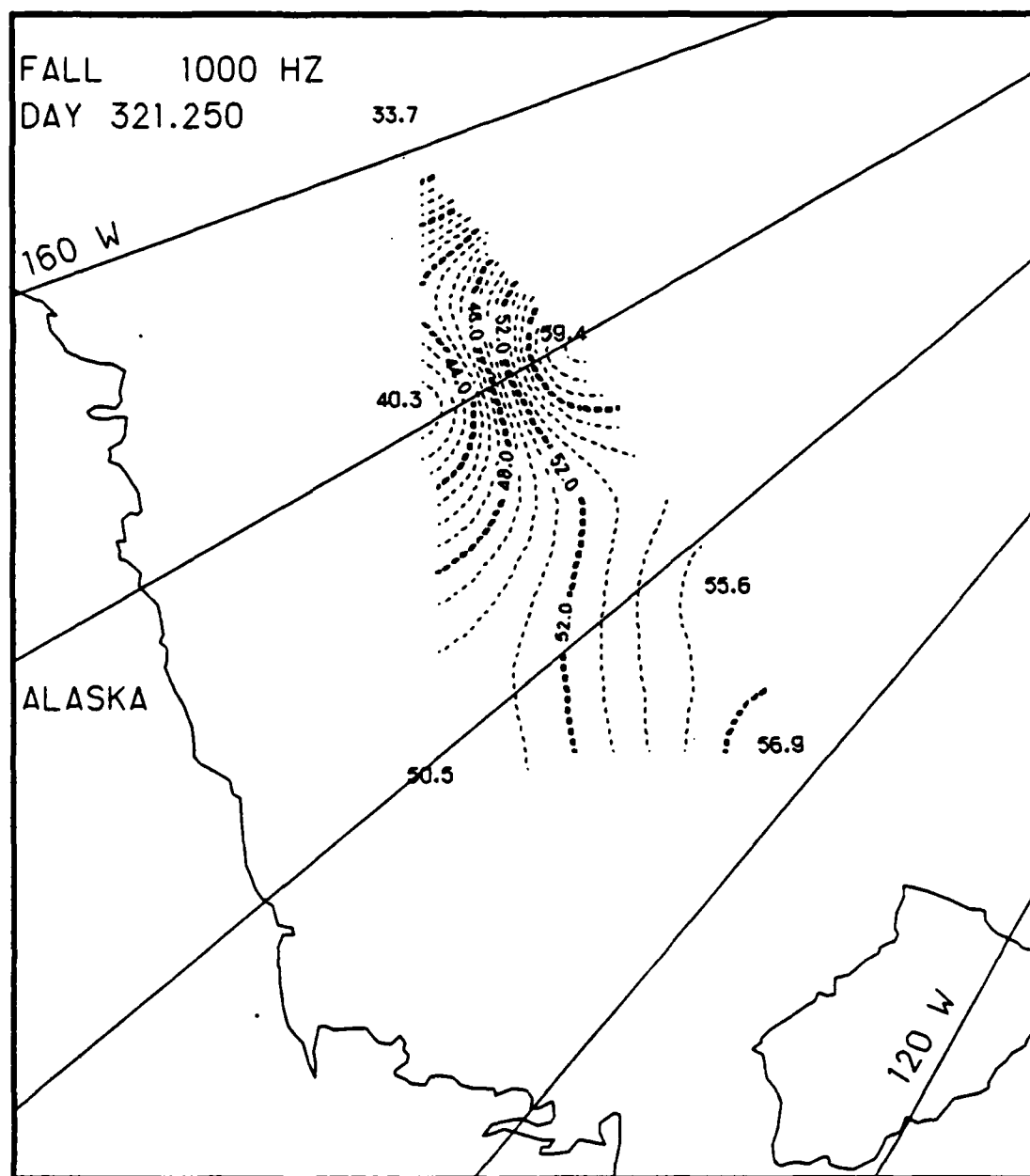


Fig. C.45. Spatial noise variations, day 321.25, based on the AIDJEX 1000 Hz noise data.

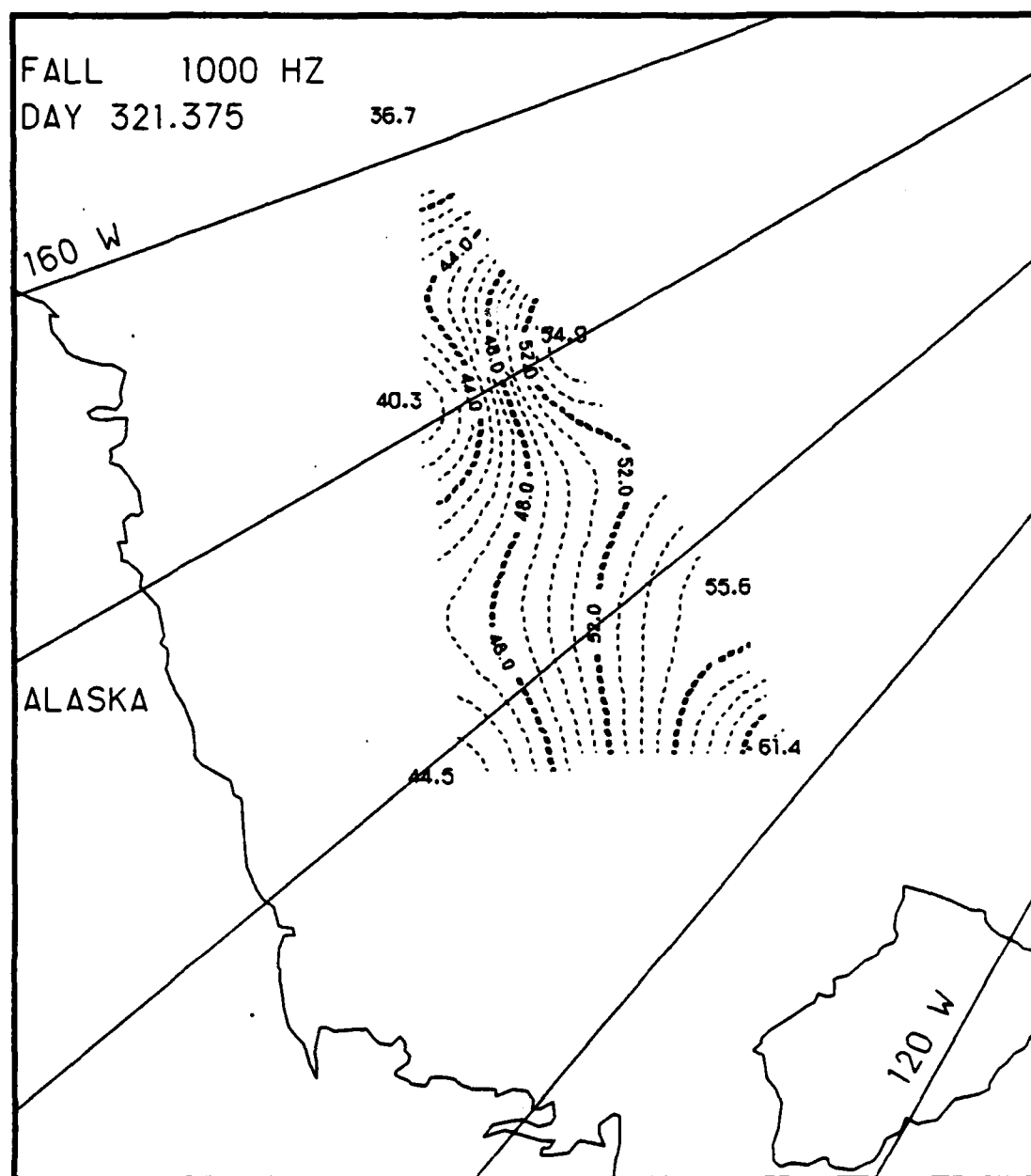


Fig. C.46. Spatial noise variations, day 321.375, based on the AIDJEX 1000 Hz noise data.

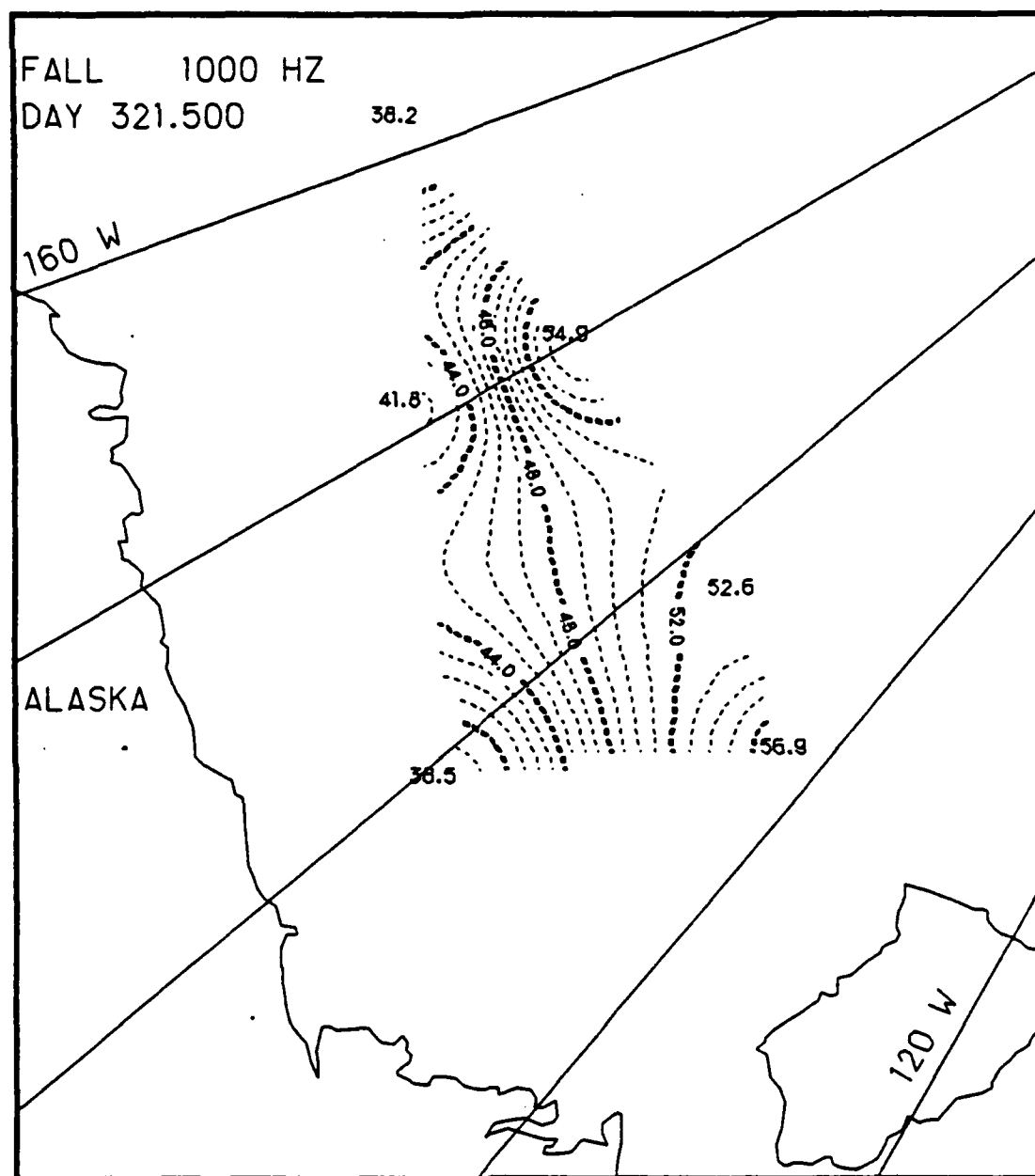


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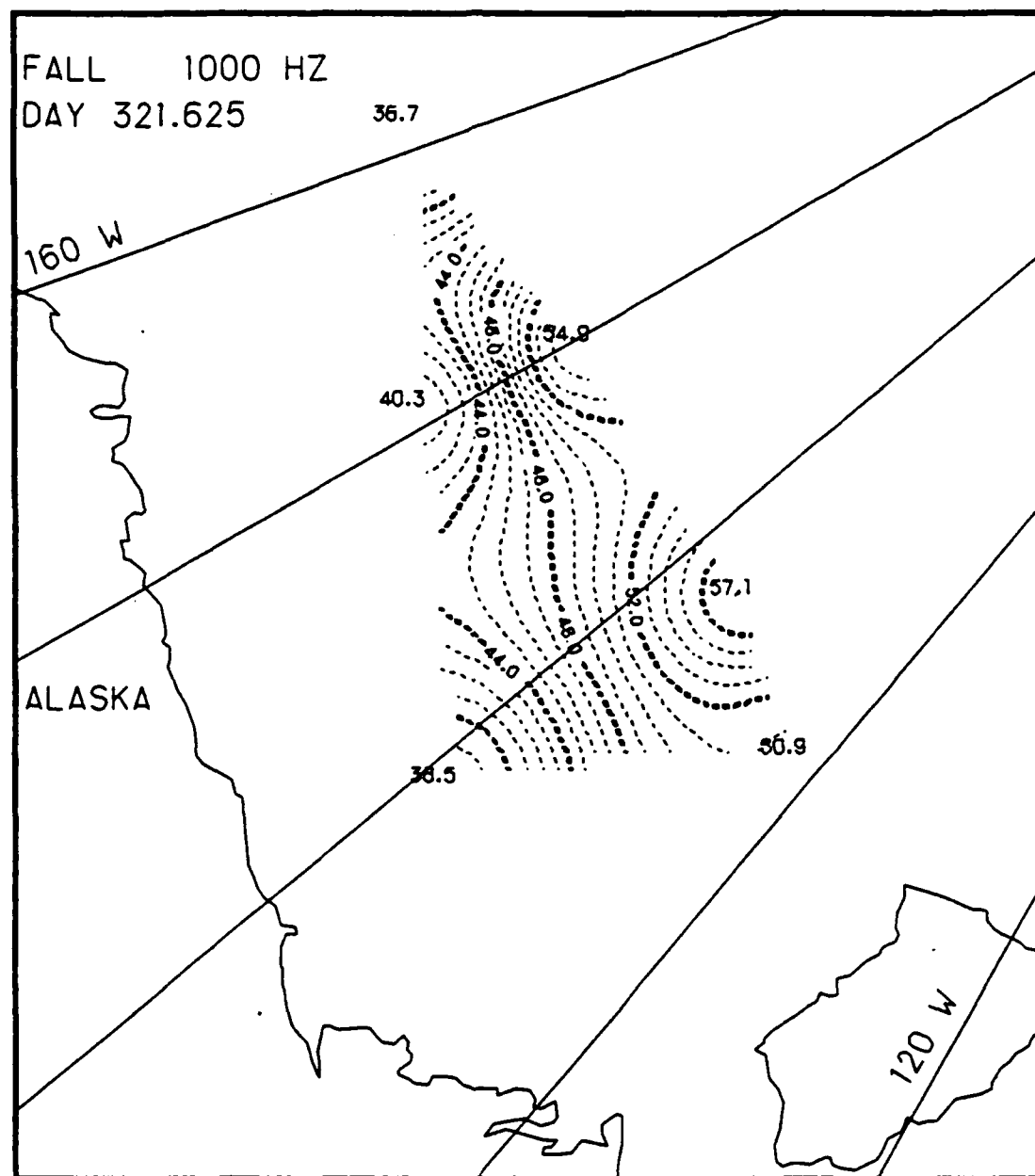


Fig. C.48. Spatial noise variations, day 321.625, based on the AIDJEX 1000 Hz noise data.

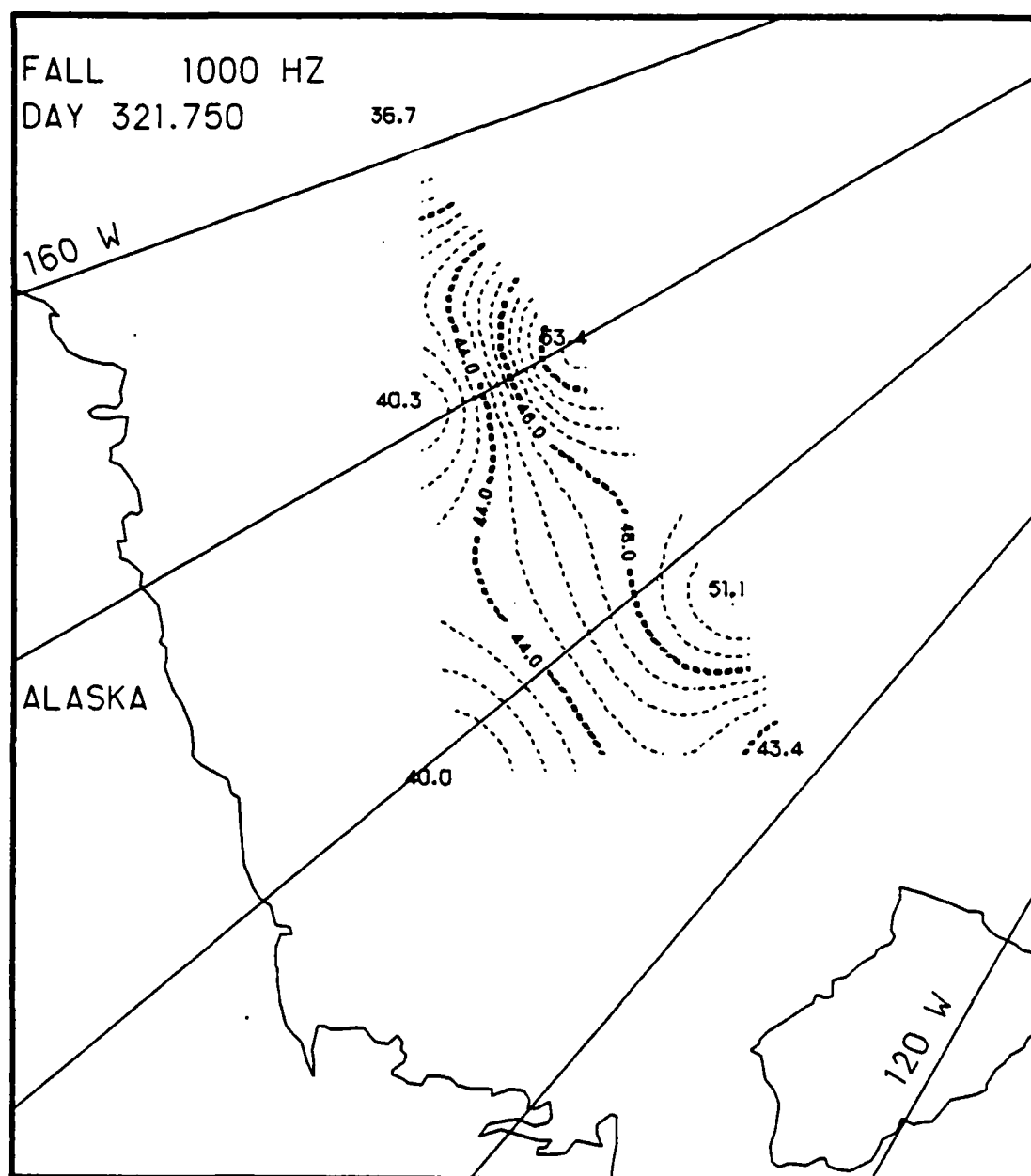


Fig. C.49. Spatial noise variations, day 321.75, based on the AIDJEX 1000 Hz noise data.

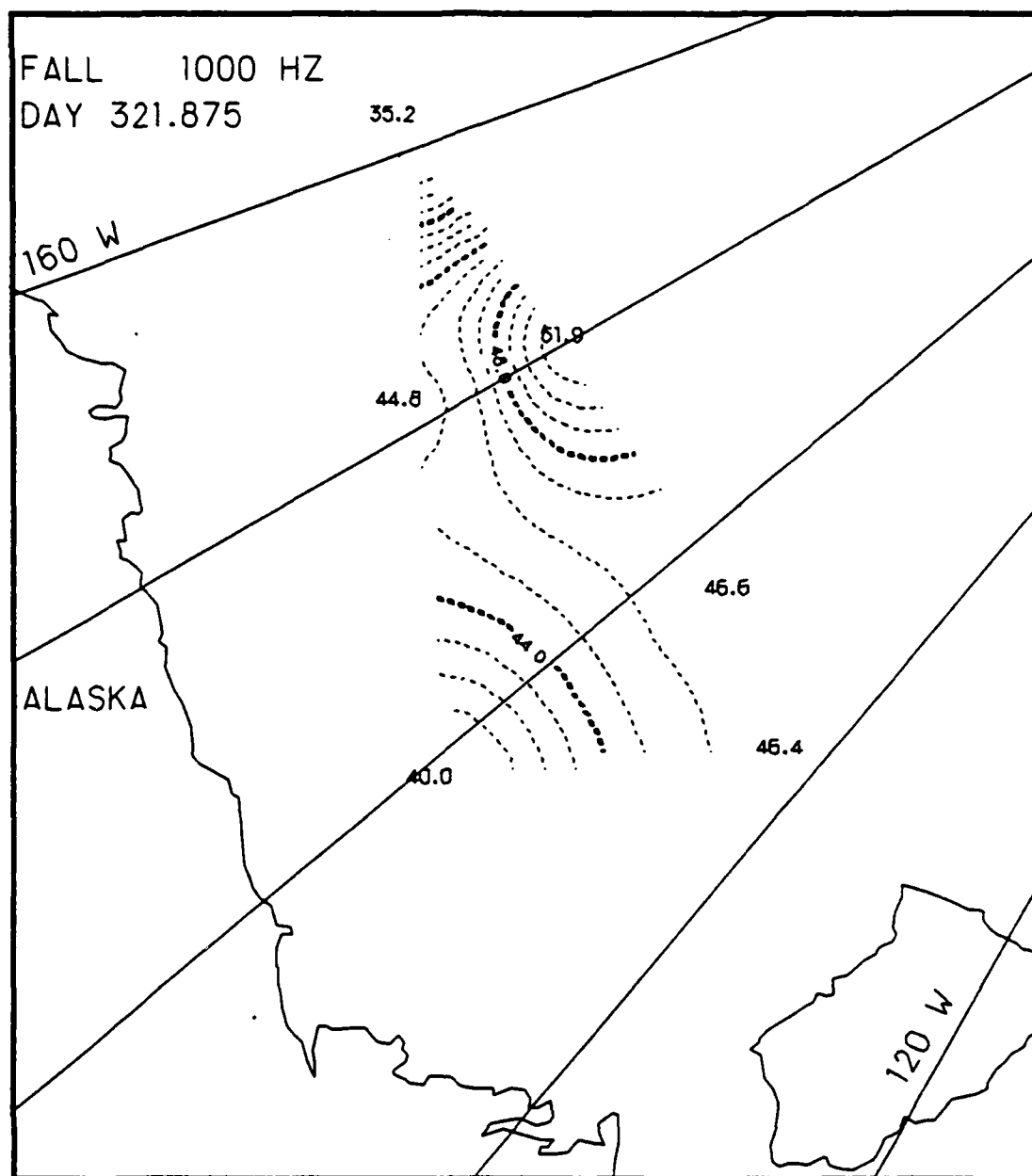


Fig. C.50. Spatial noise variations, day 321.875, based on the AIDJEX 1000 Hz noise data.

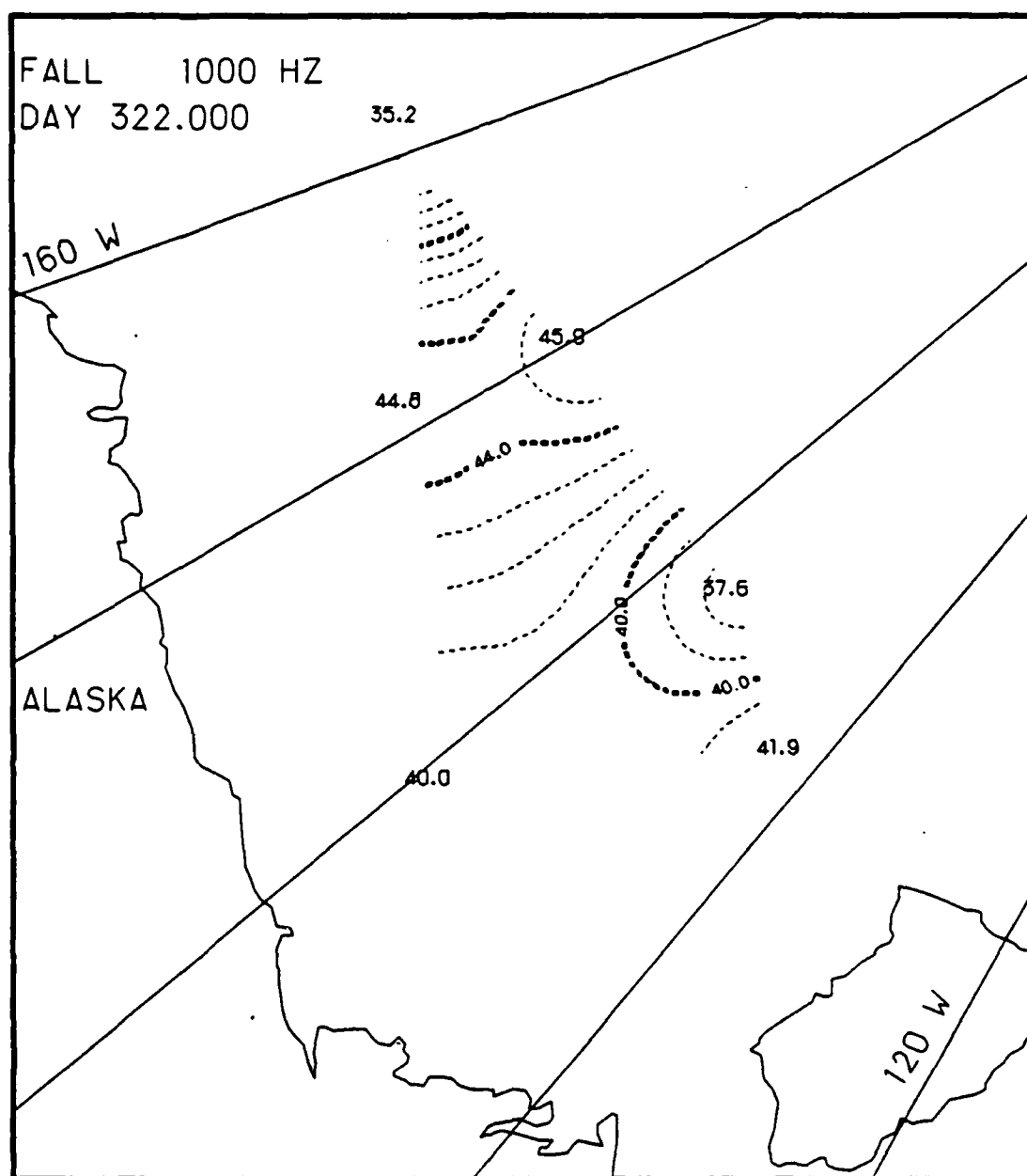


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Science Applications International Corporation

A STUDY OF SEA ICE KINEMATICS
AND THEIR RELATIONSHIPS
TO ARCTIC AMBIENT NOISE

PART 3, SECTION 2 - AMBIENT NOISE

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Appendix D

Two-Dimensional Contour Maps of Arctic
Ambient Noise Variations, 9-10 February 1976
(Winter)

This appendix contains the two-dimensional contour maps of the AIDJEX 10 Hz, 32 Hz, and 1000 Hz noise signals for the 48 hour period of 9-10 February 1976. The contour maps show the spatial variations of the ambient noise signals at 3 hr intervals, the unit of noise being decibells. The Julian day for 9 February is day 39, and the Julian day for 10 February is day 40.

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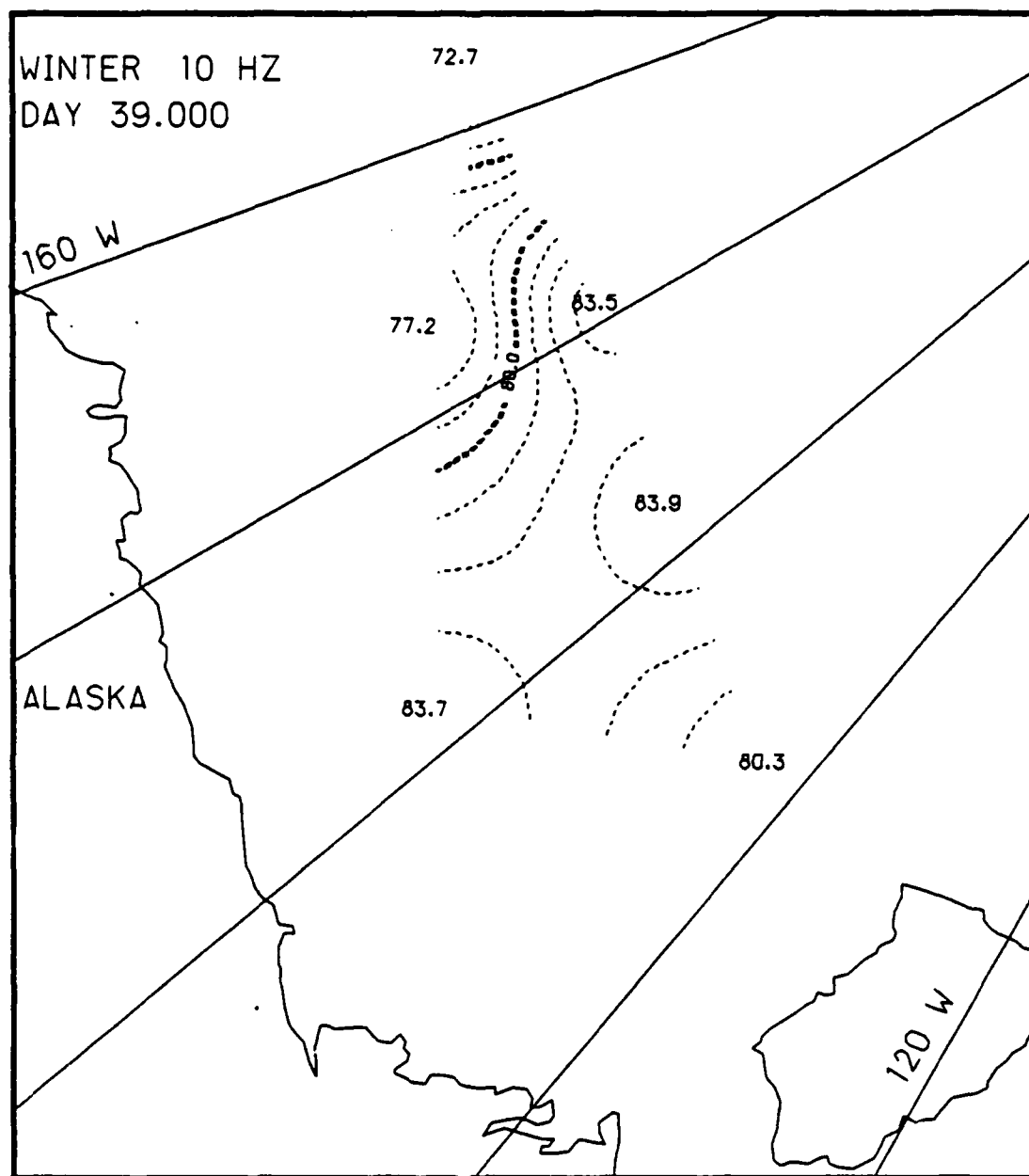


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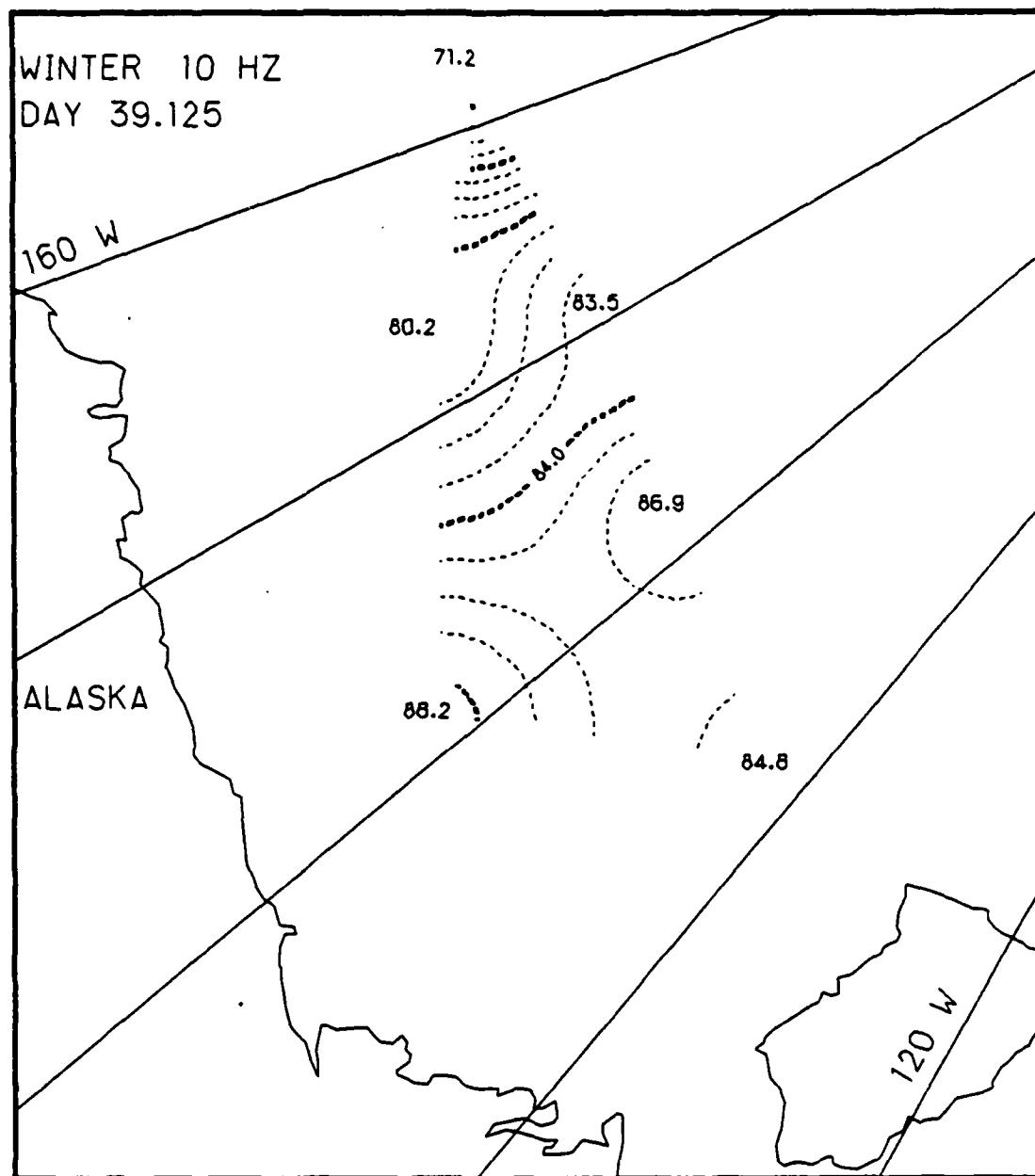


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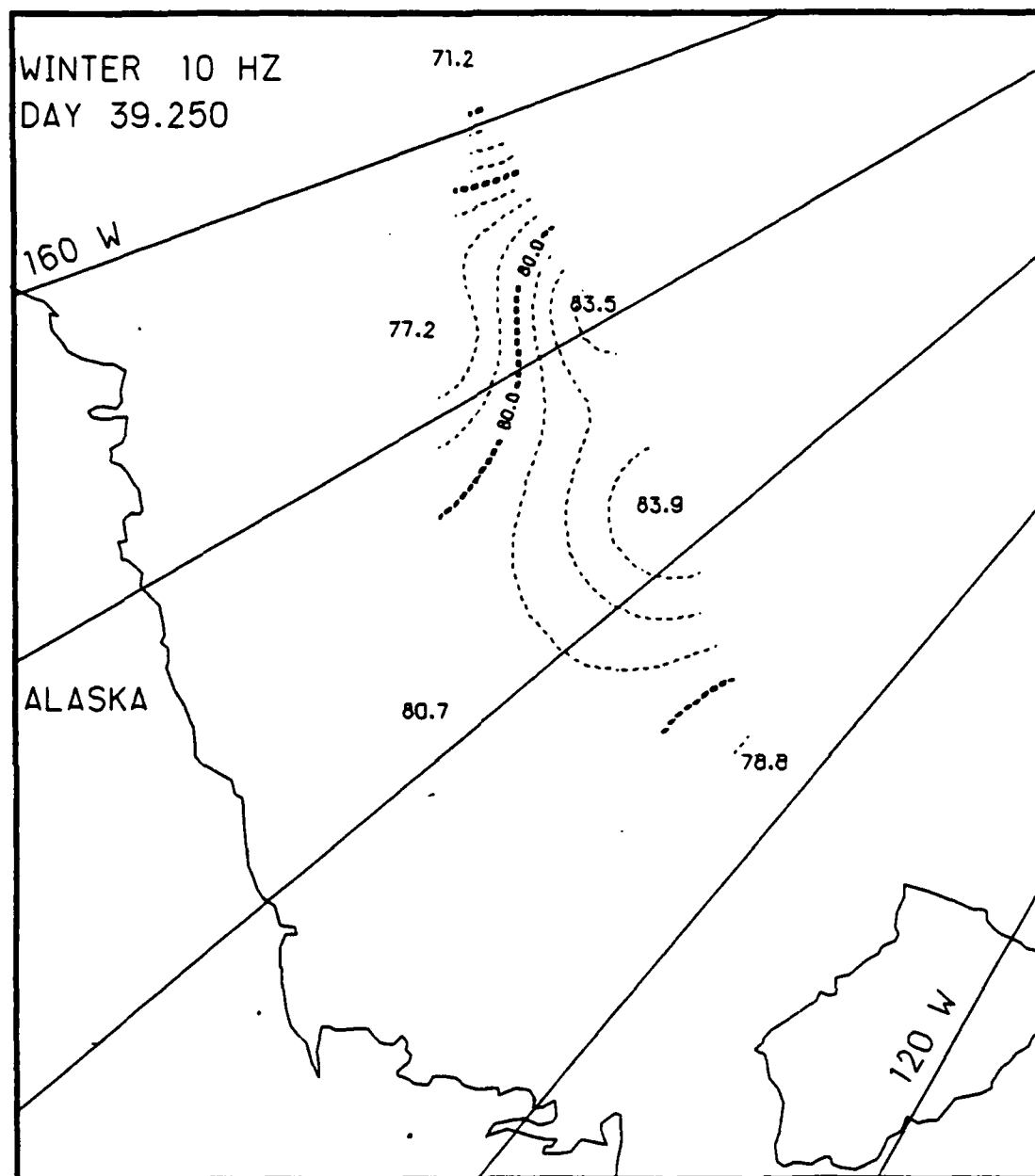


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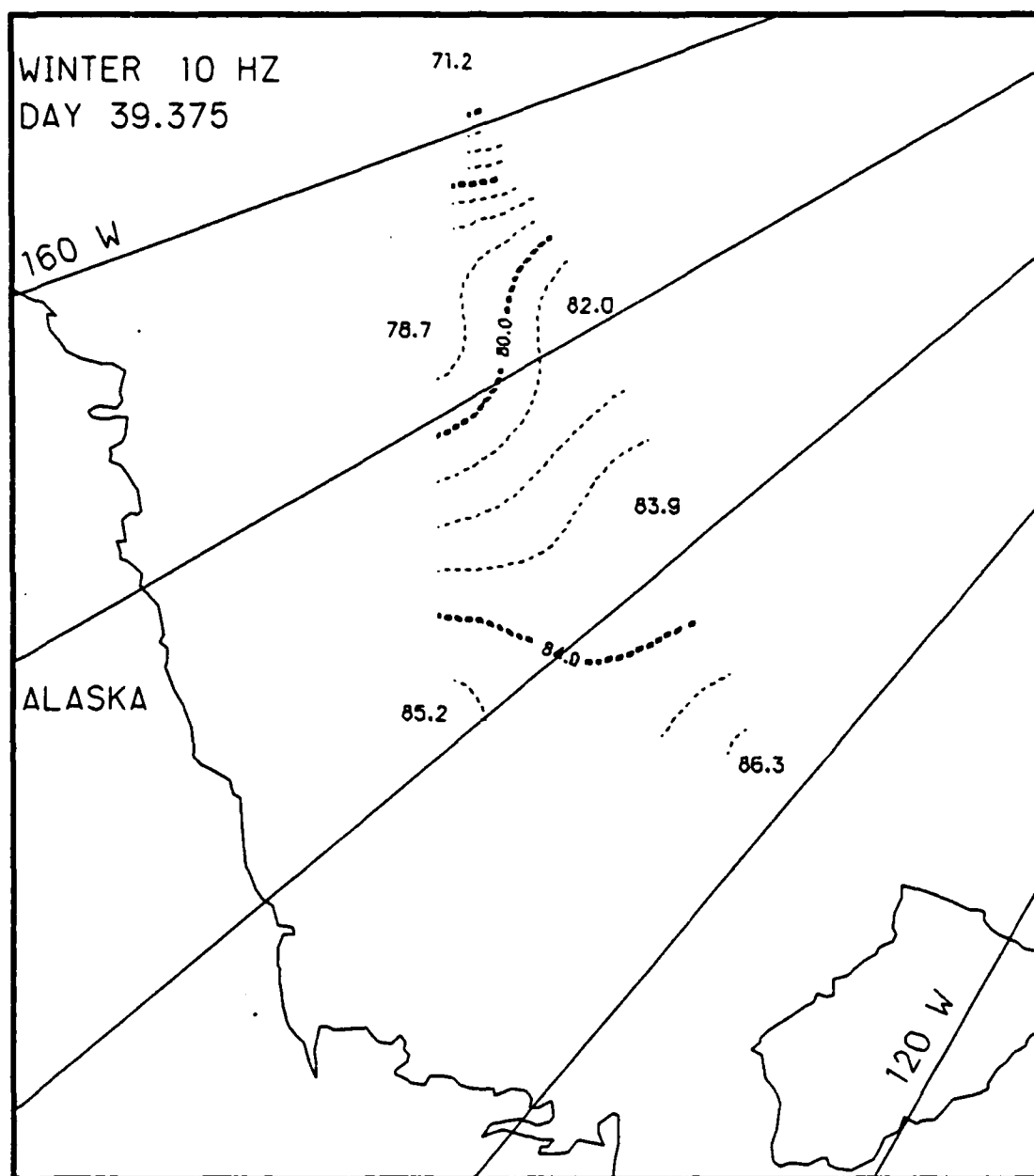


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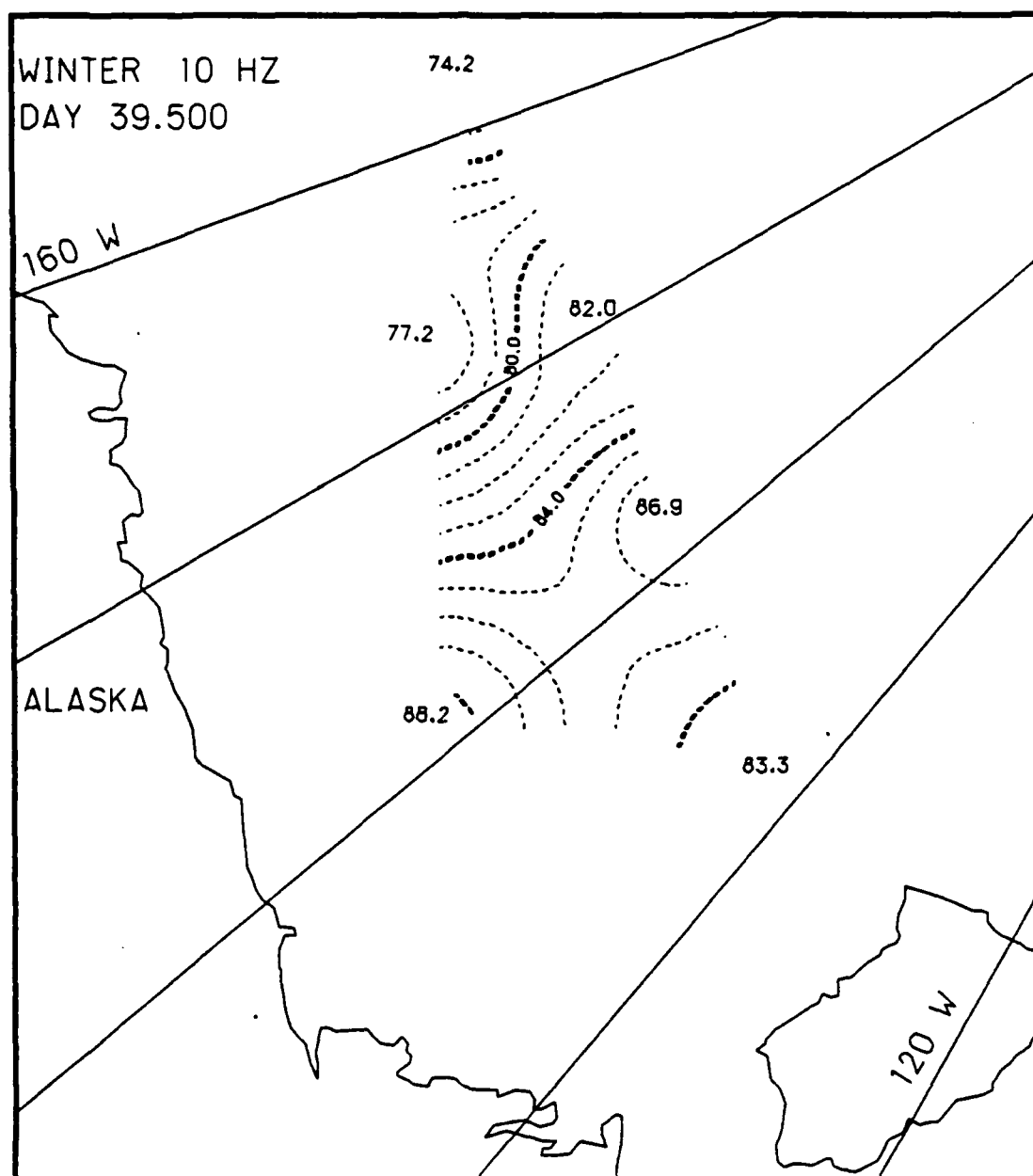


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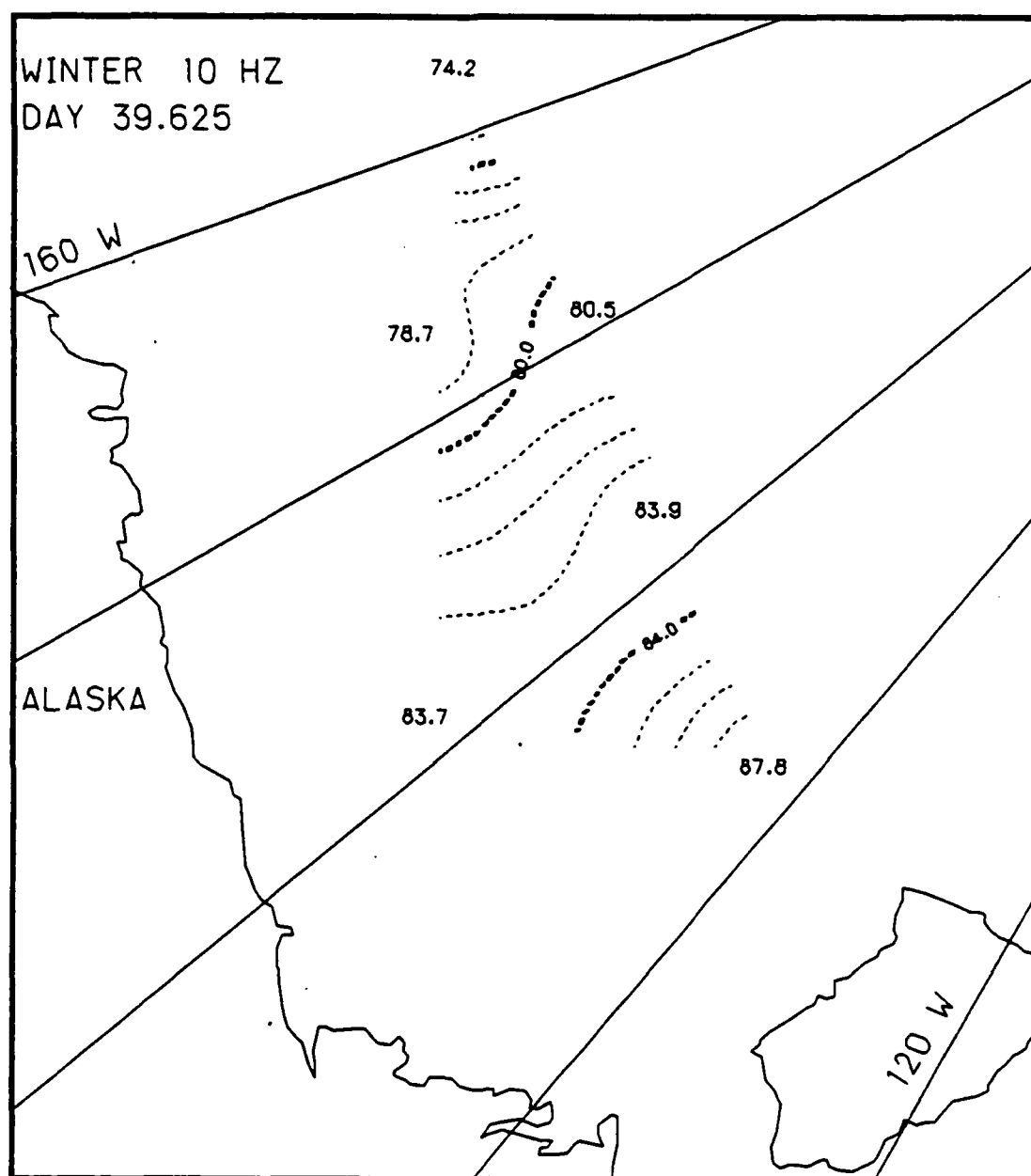


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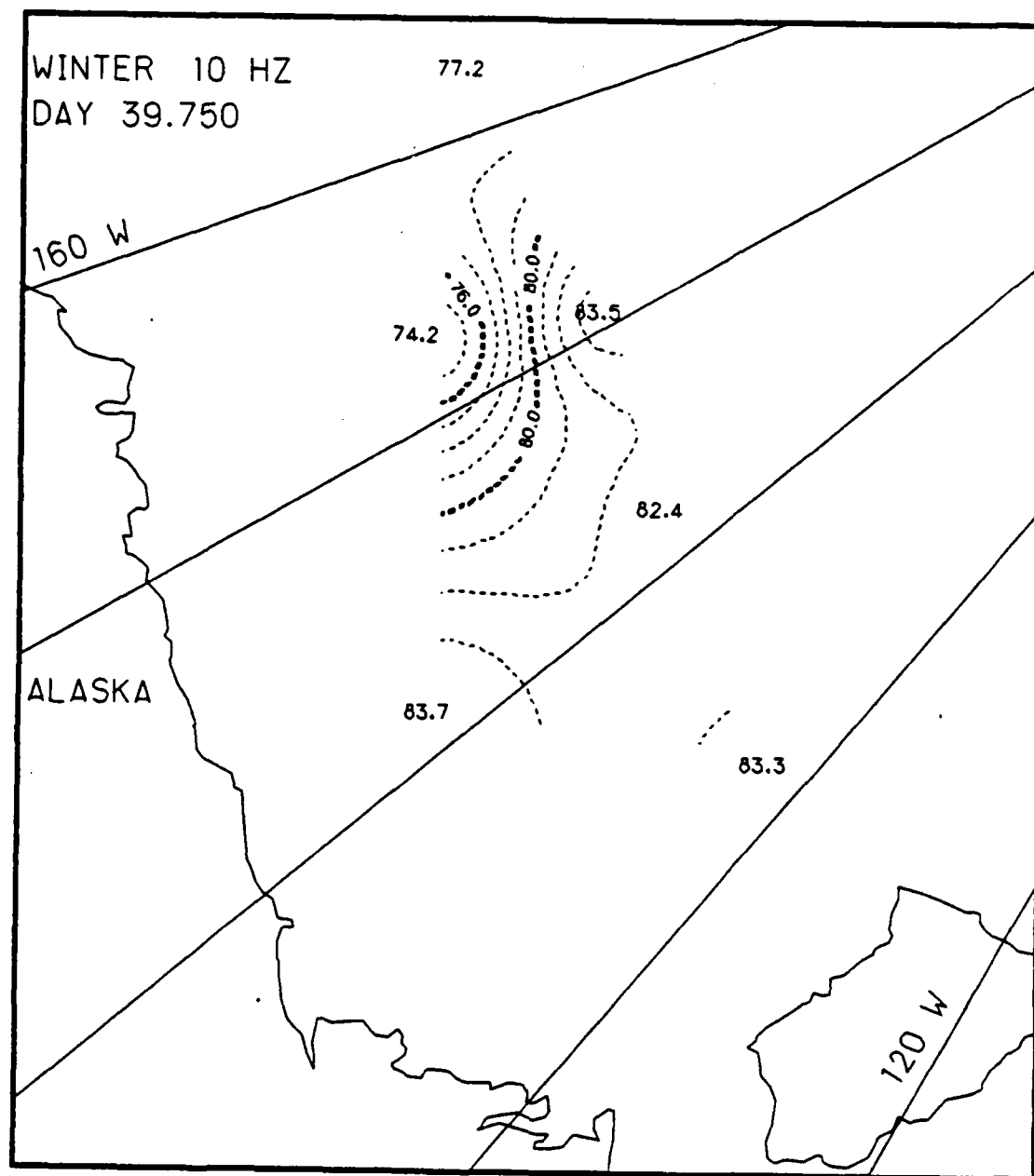


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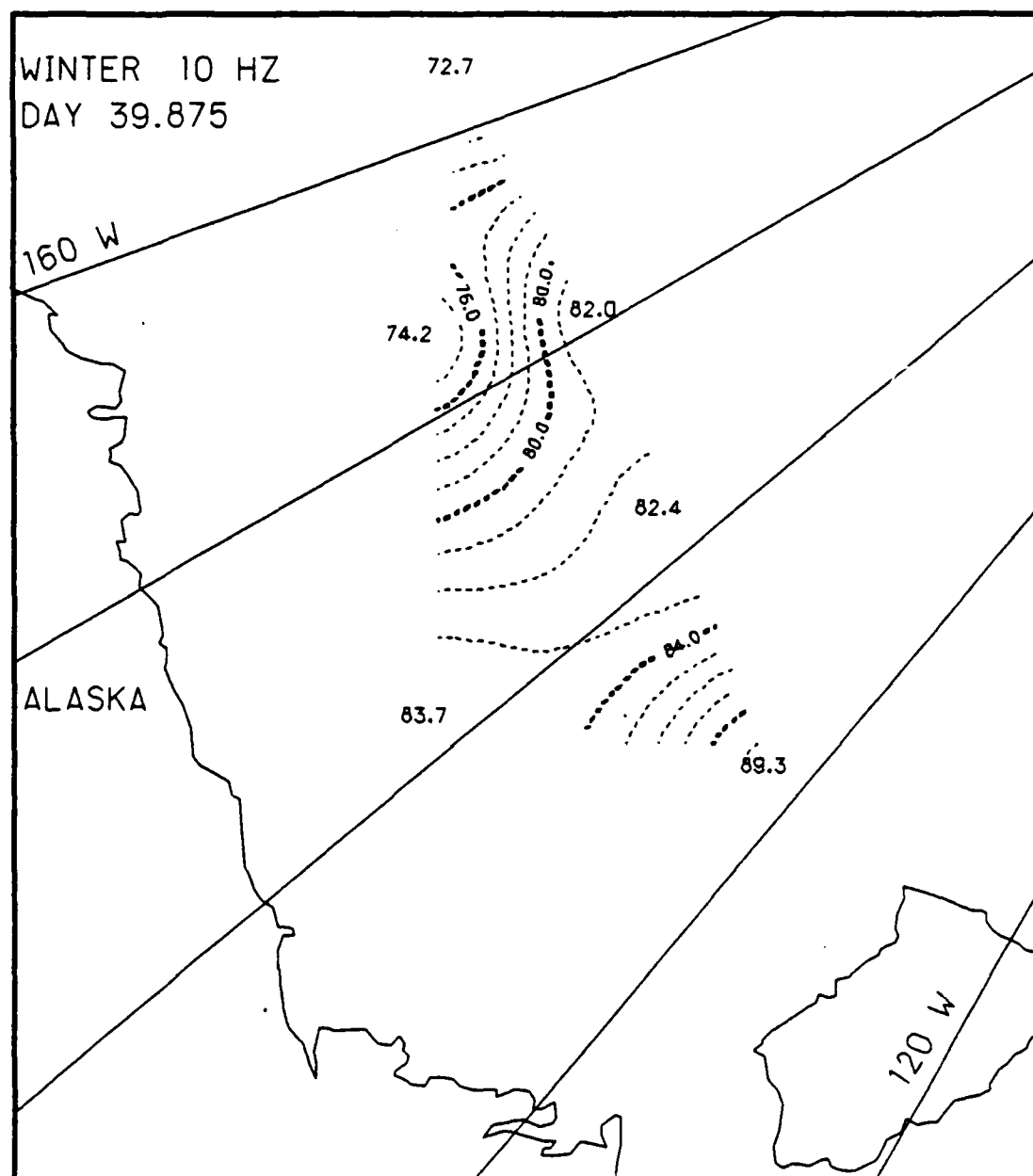


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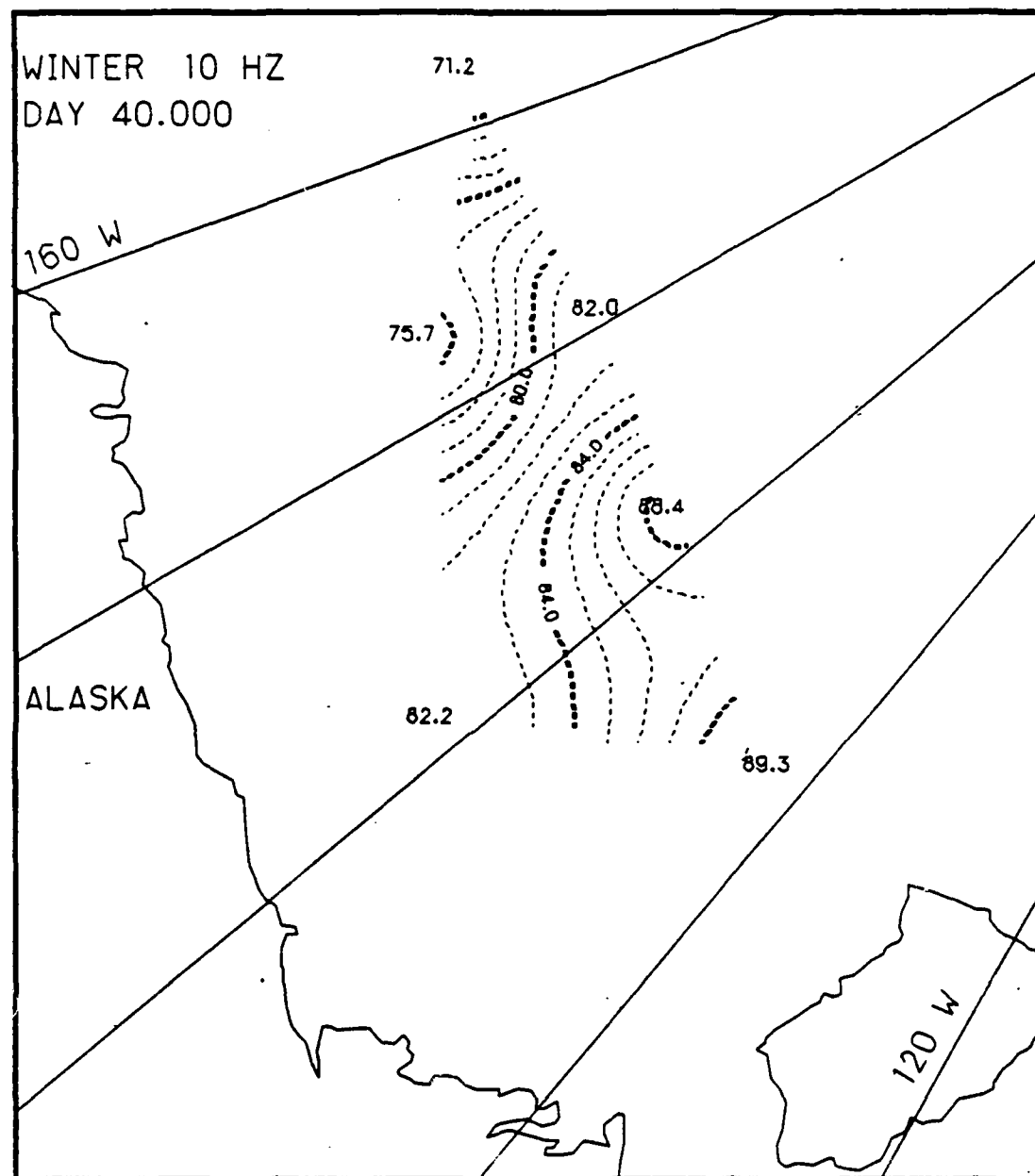


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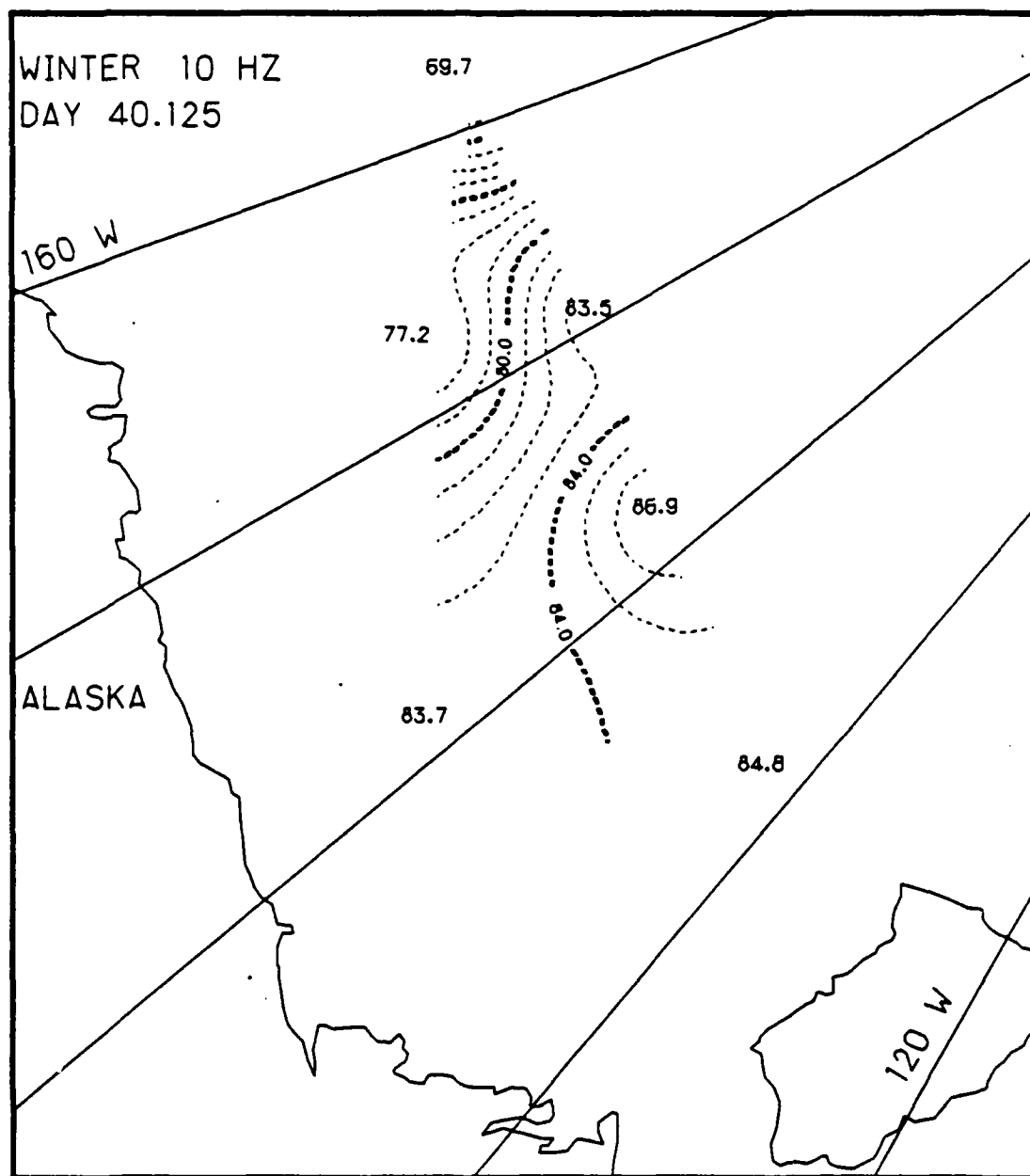


Fig. D.10. Spatial noise variations, day 40.125, based on the AIDJEX 10 Hz noise data.

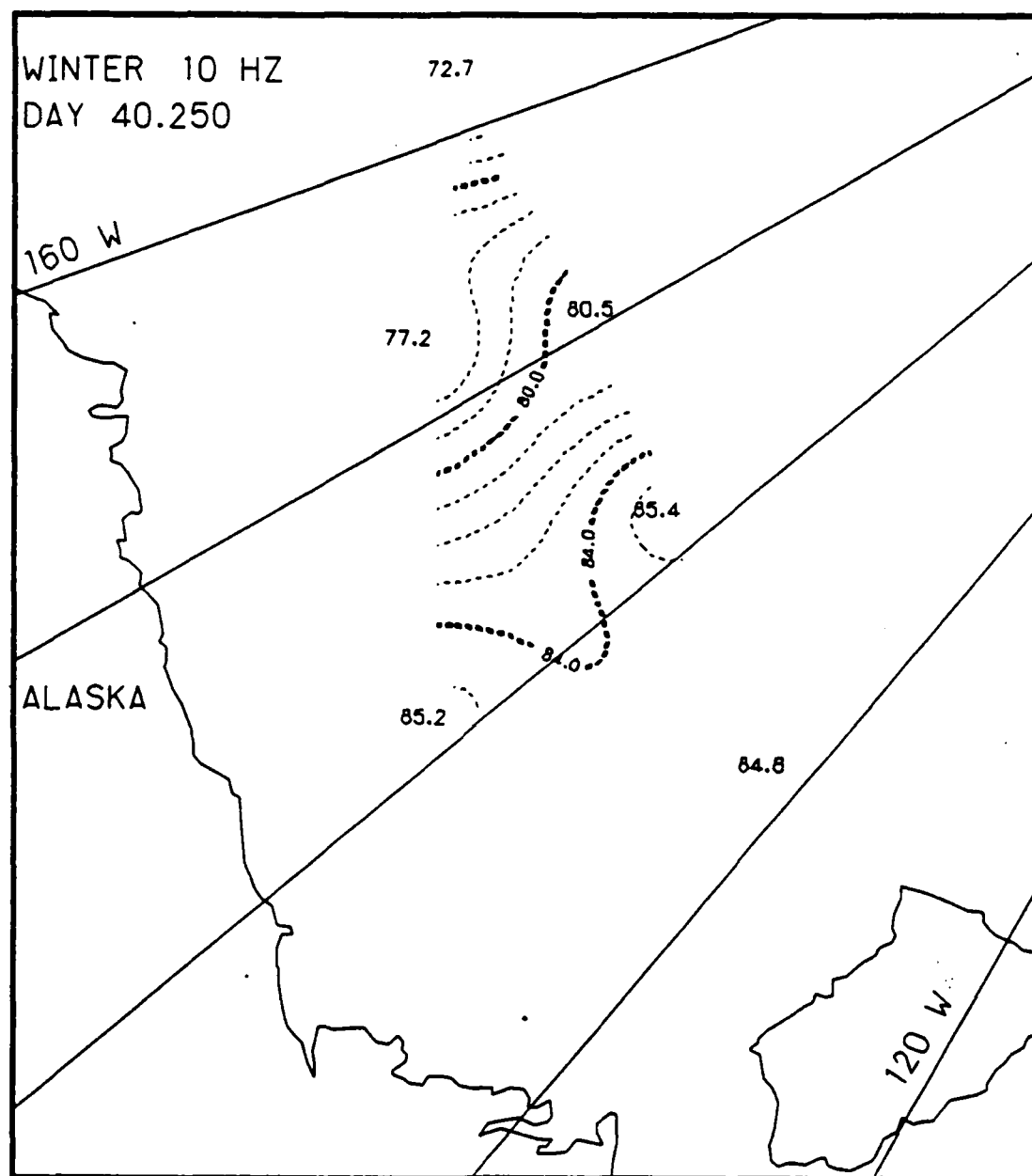


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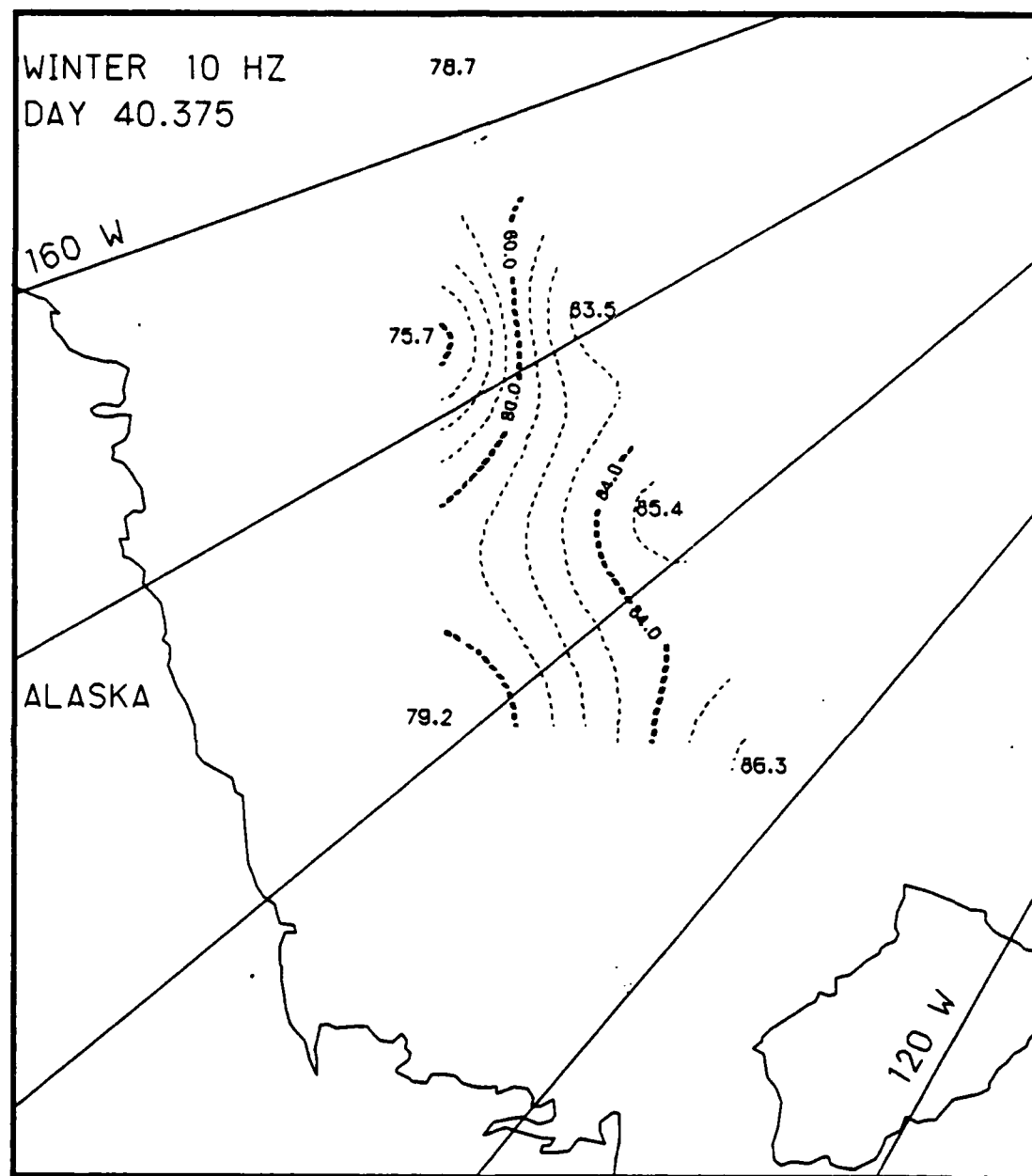


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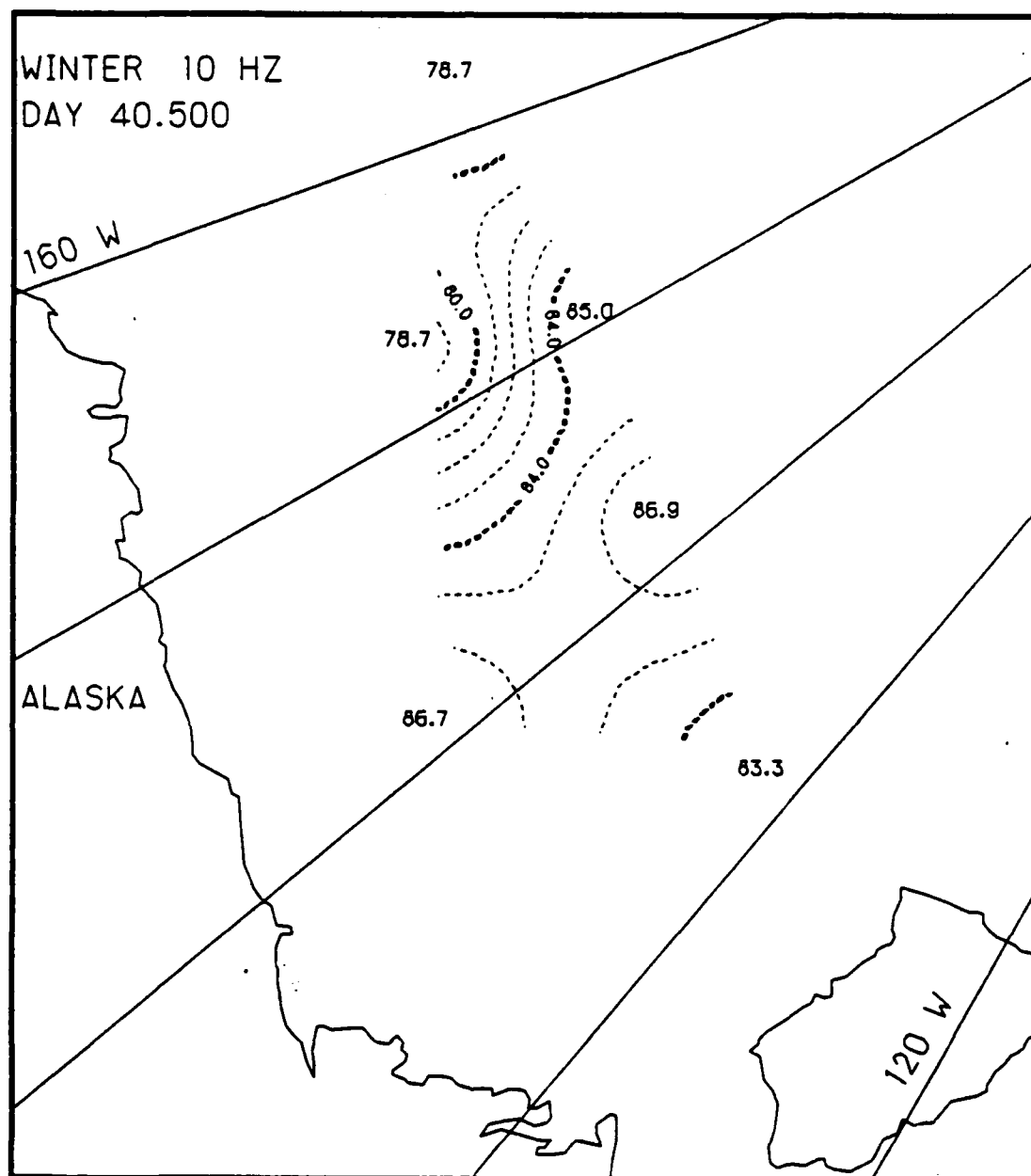


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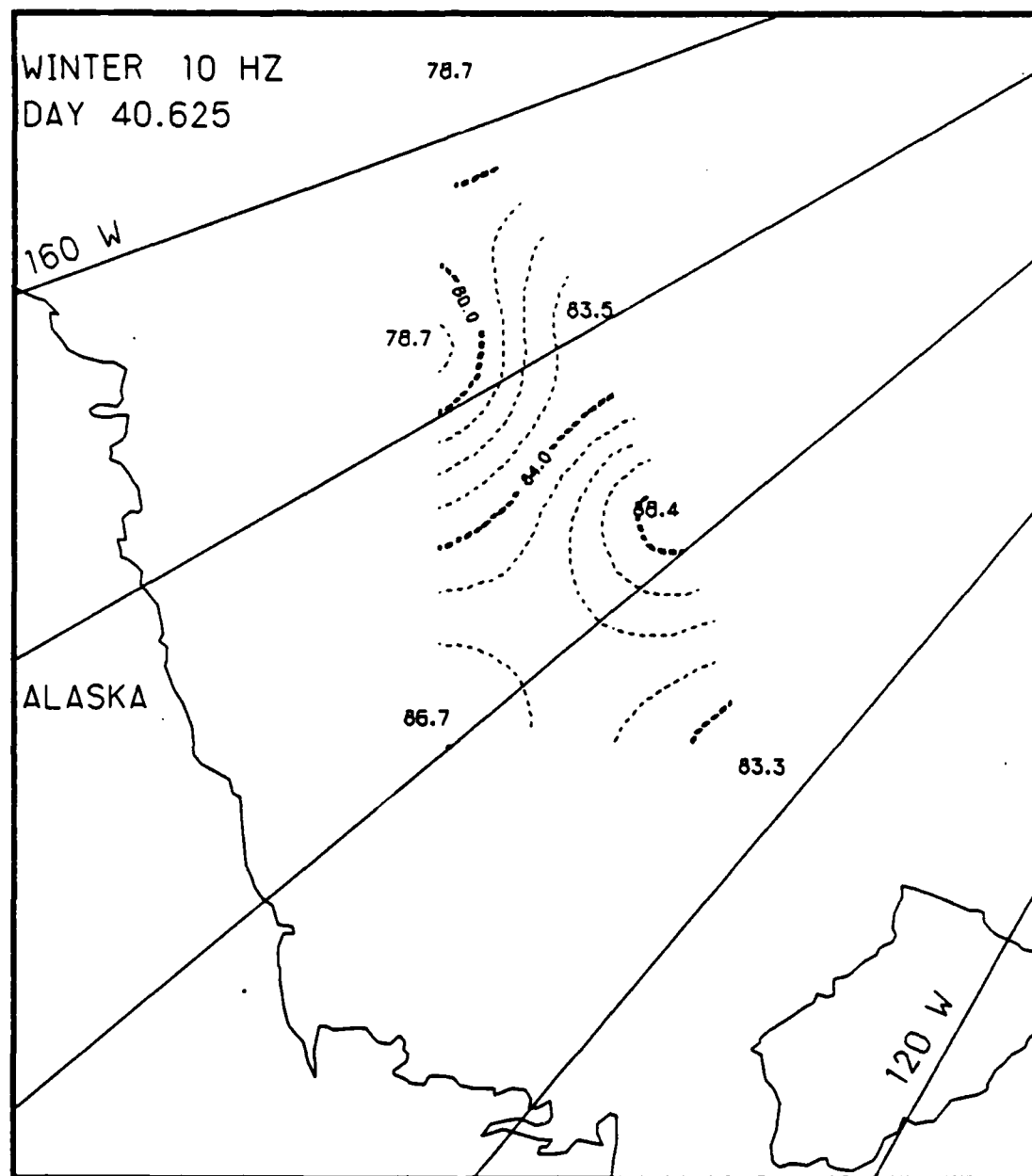


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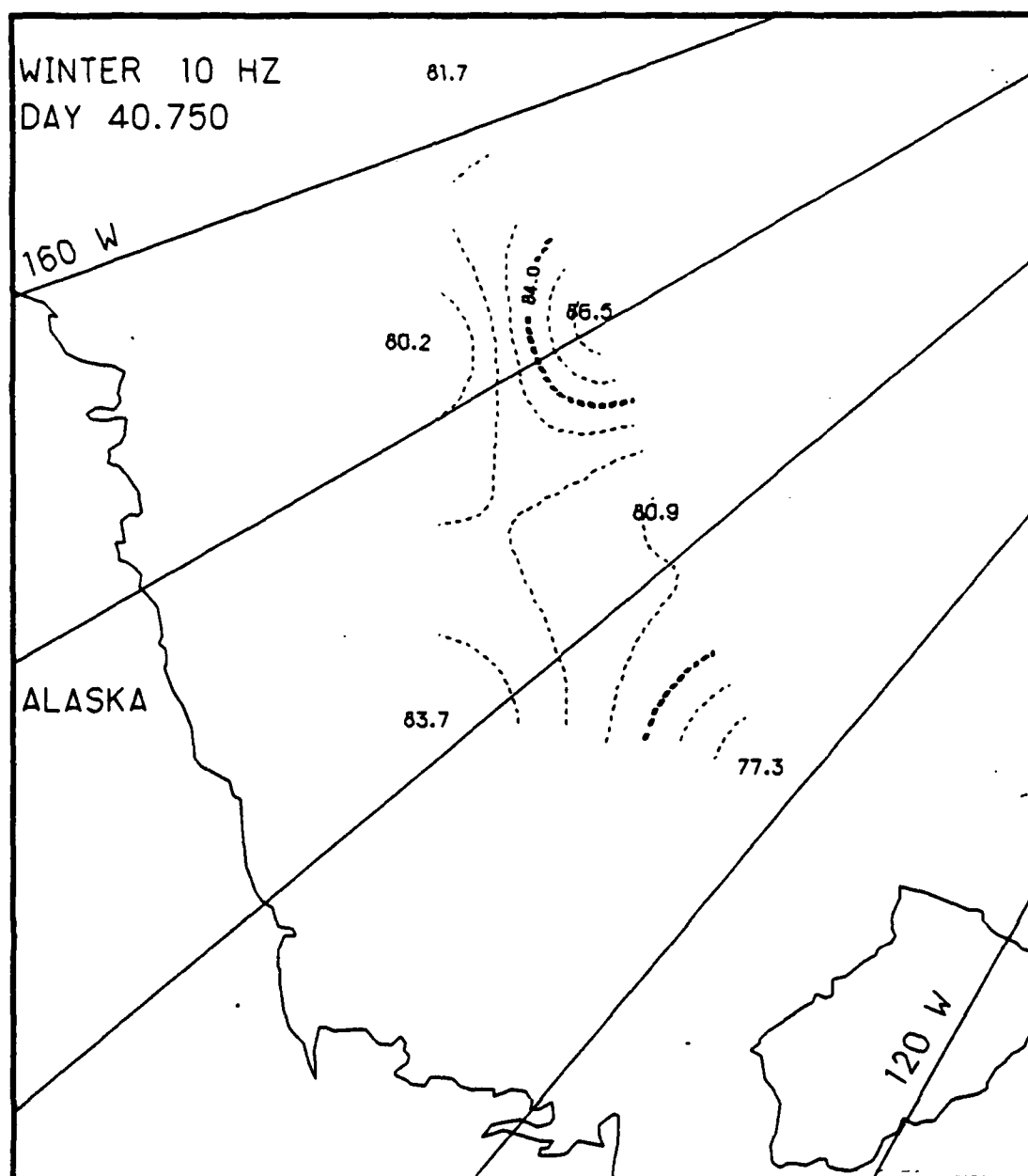


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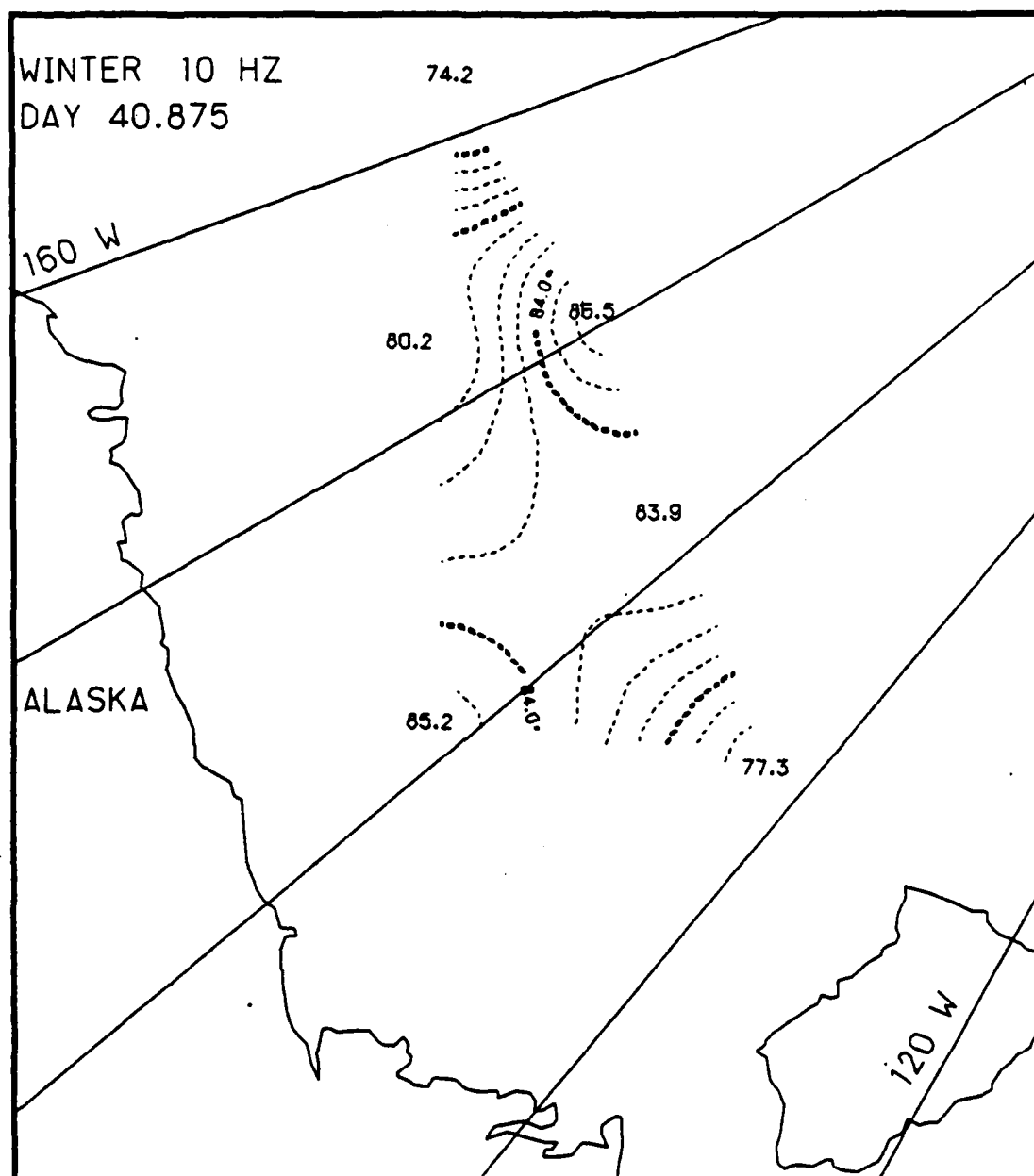


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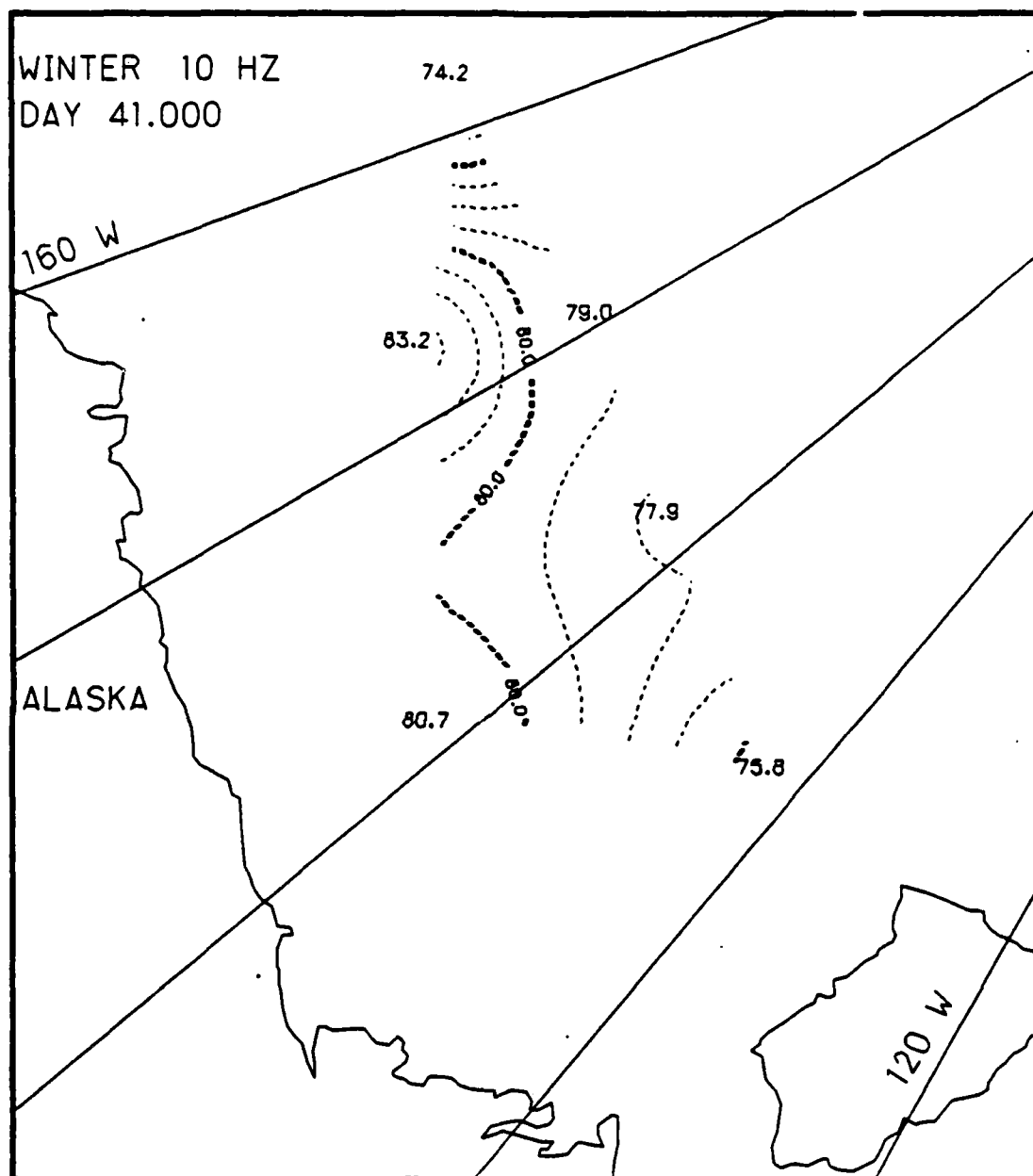


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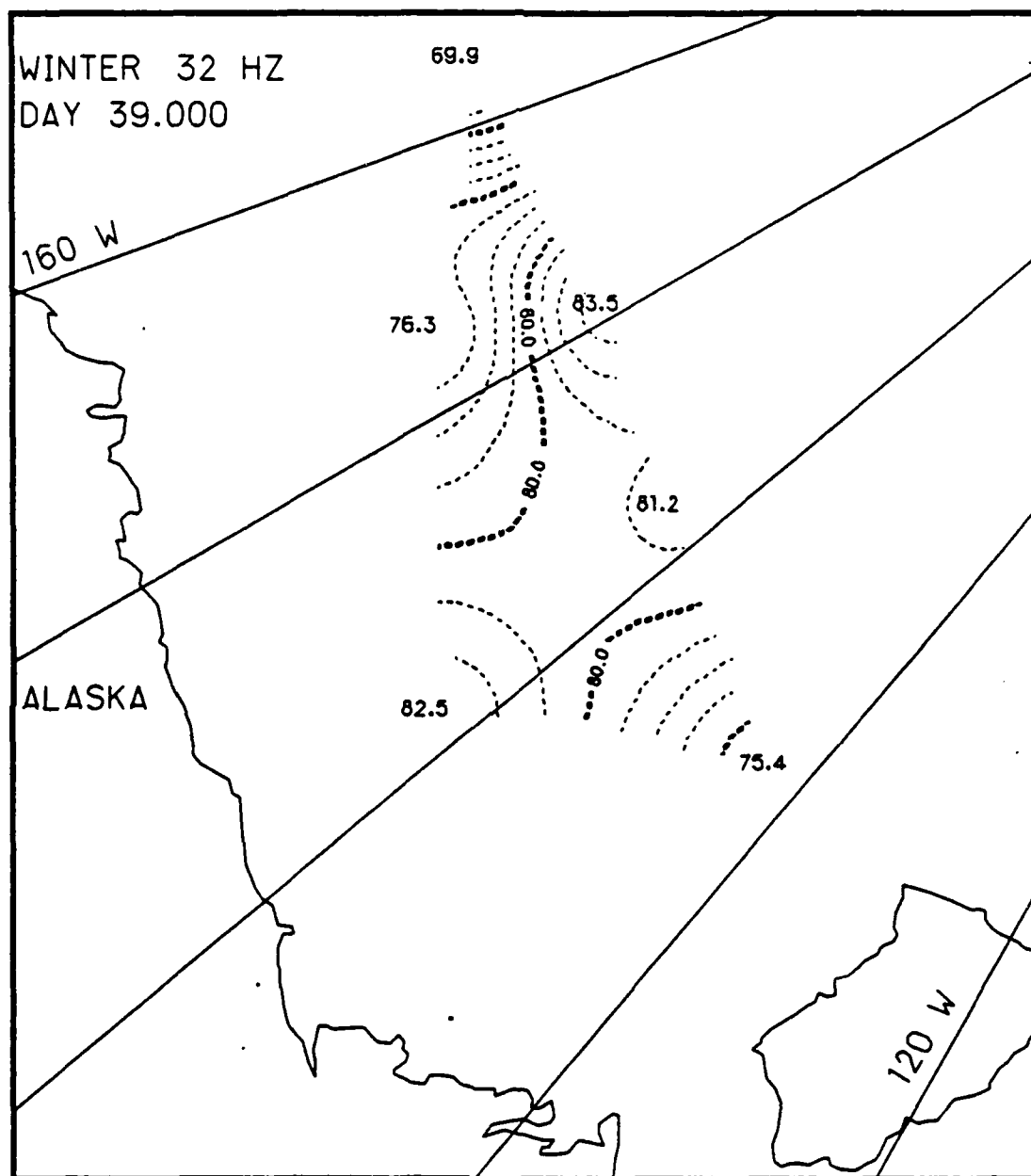


Fig. D.18. Spatial noise variations, day 39.0, based on the AIDJEX 32 Hz noise data.

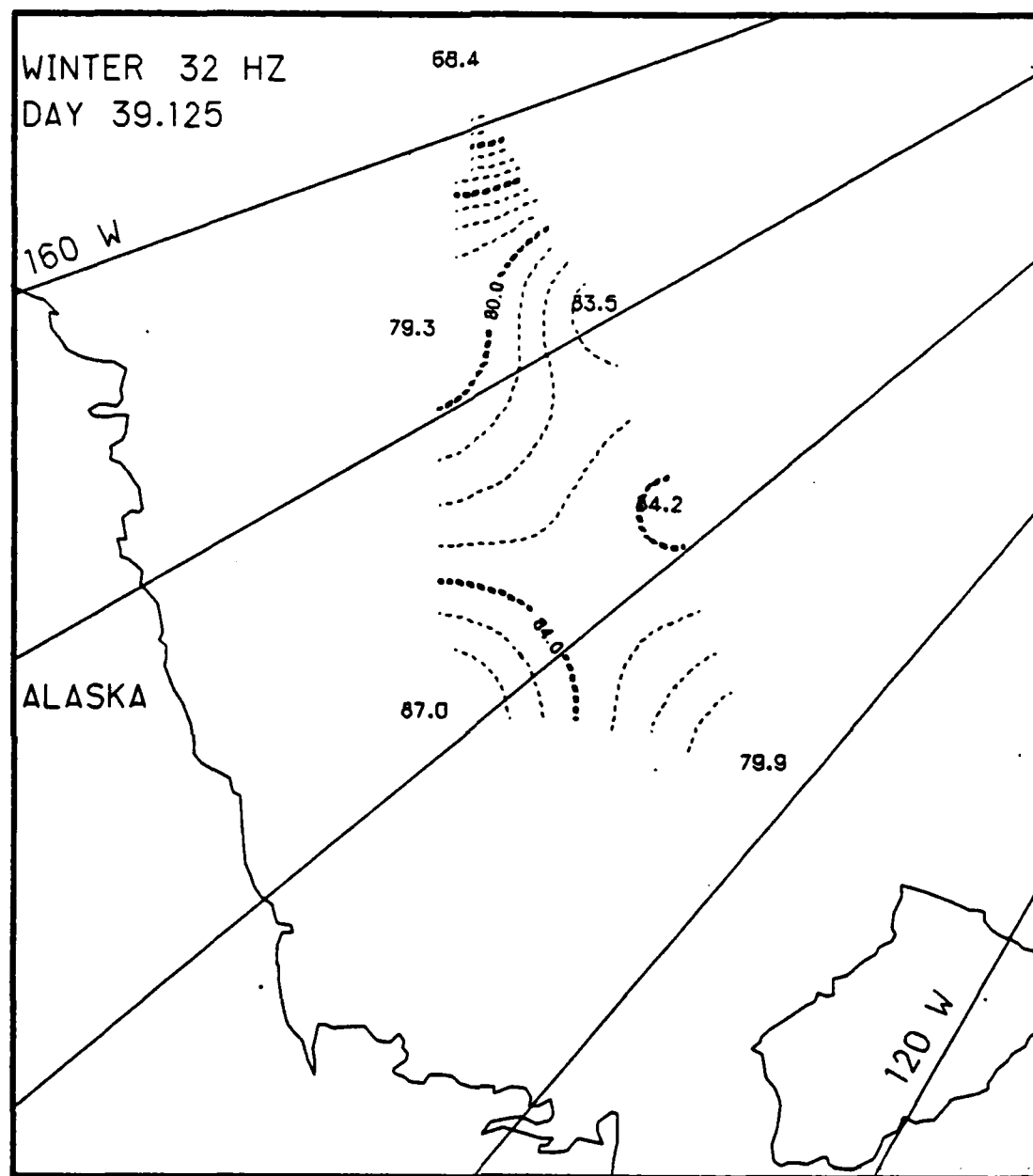


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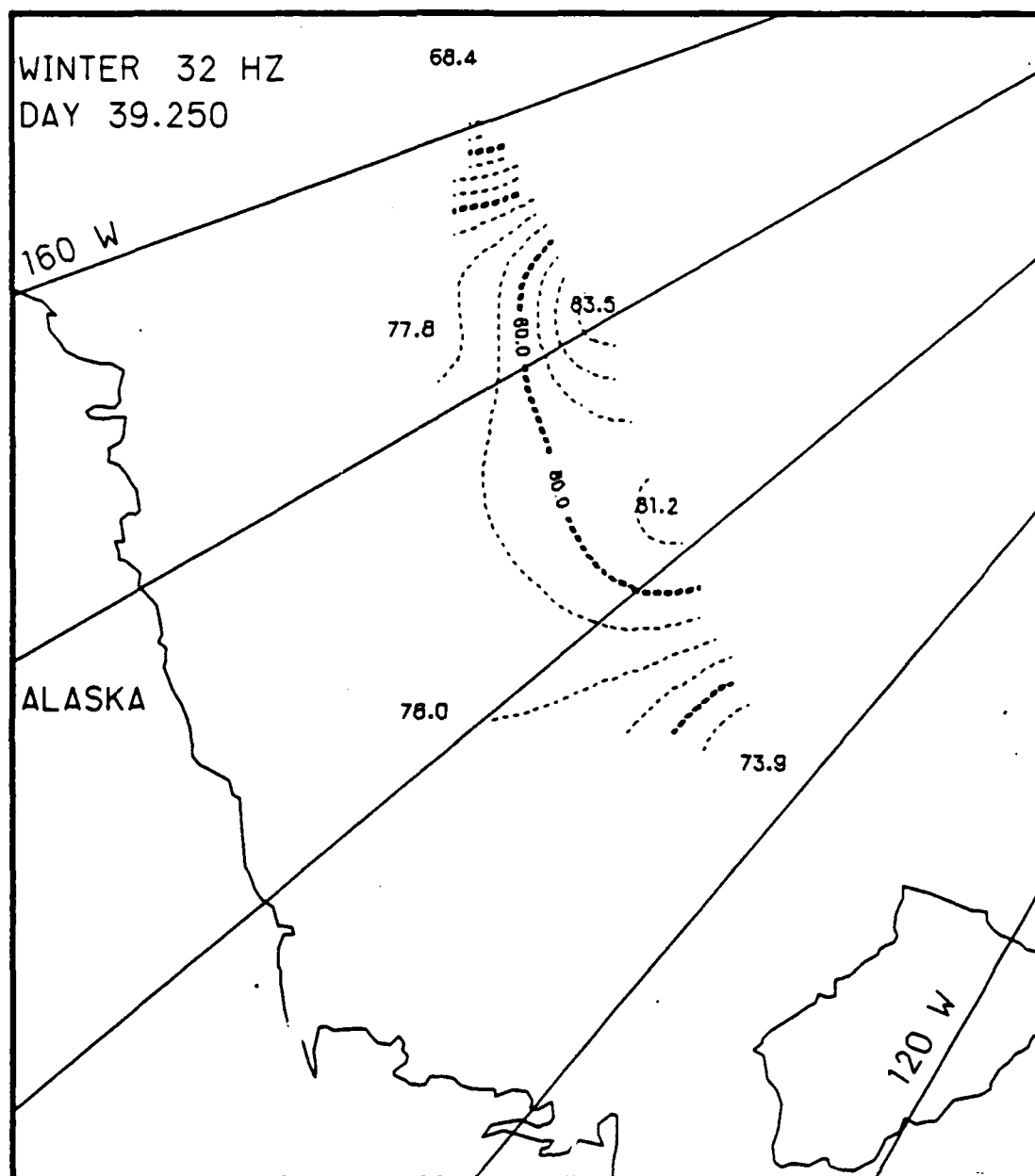


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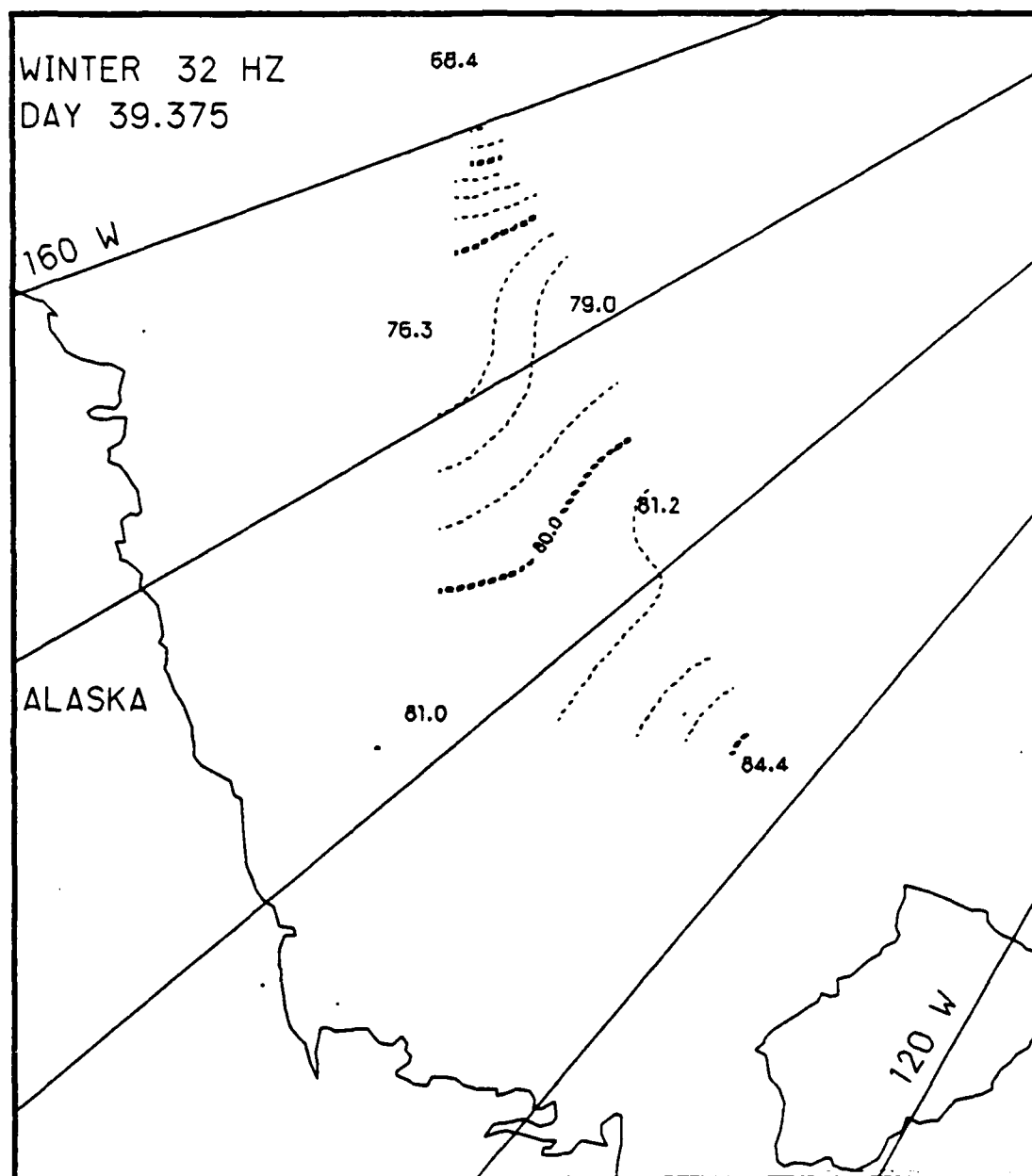


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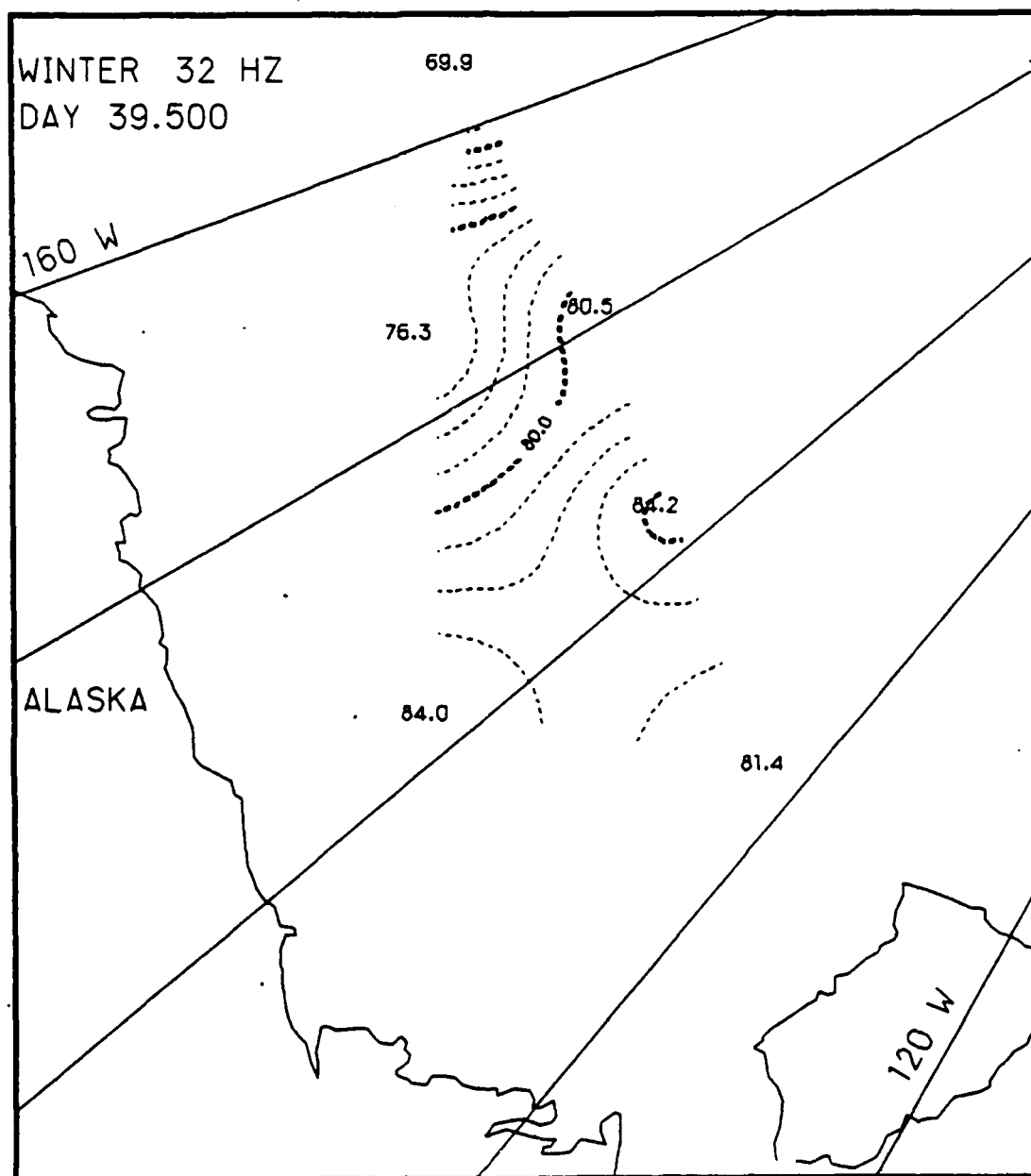


Fig. D.22. Spatial noise variations, day 39.5, based on the AIDJEX 32 Hz noise data.

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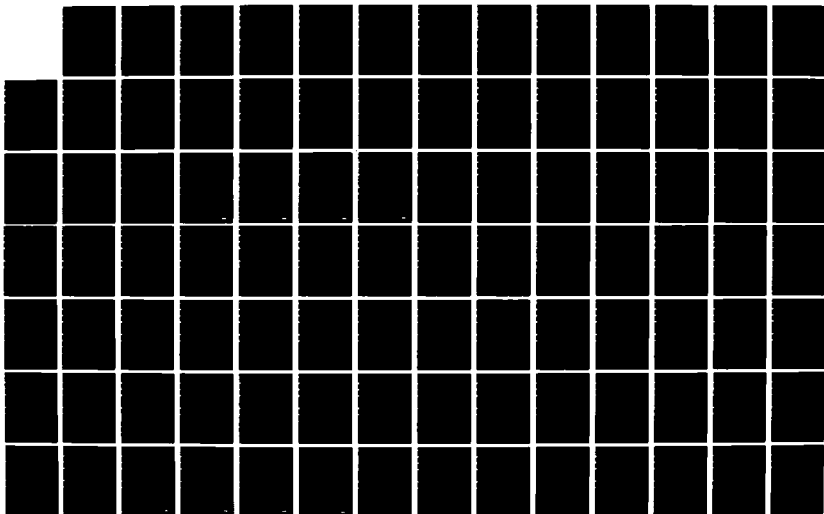
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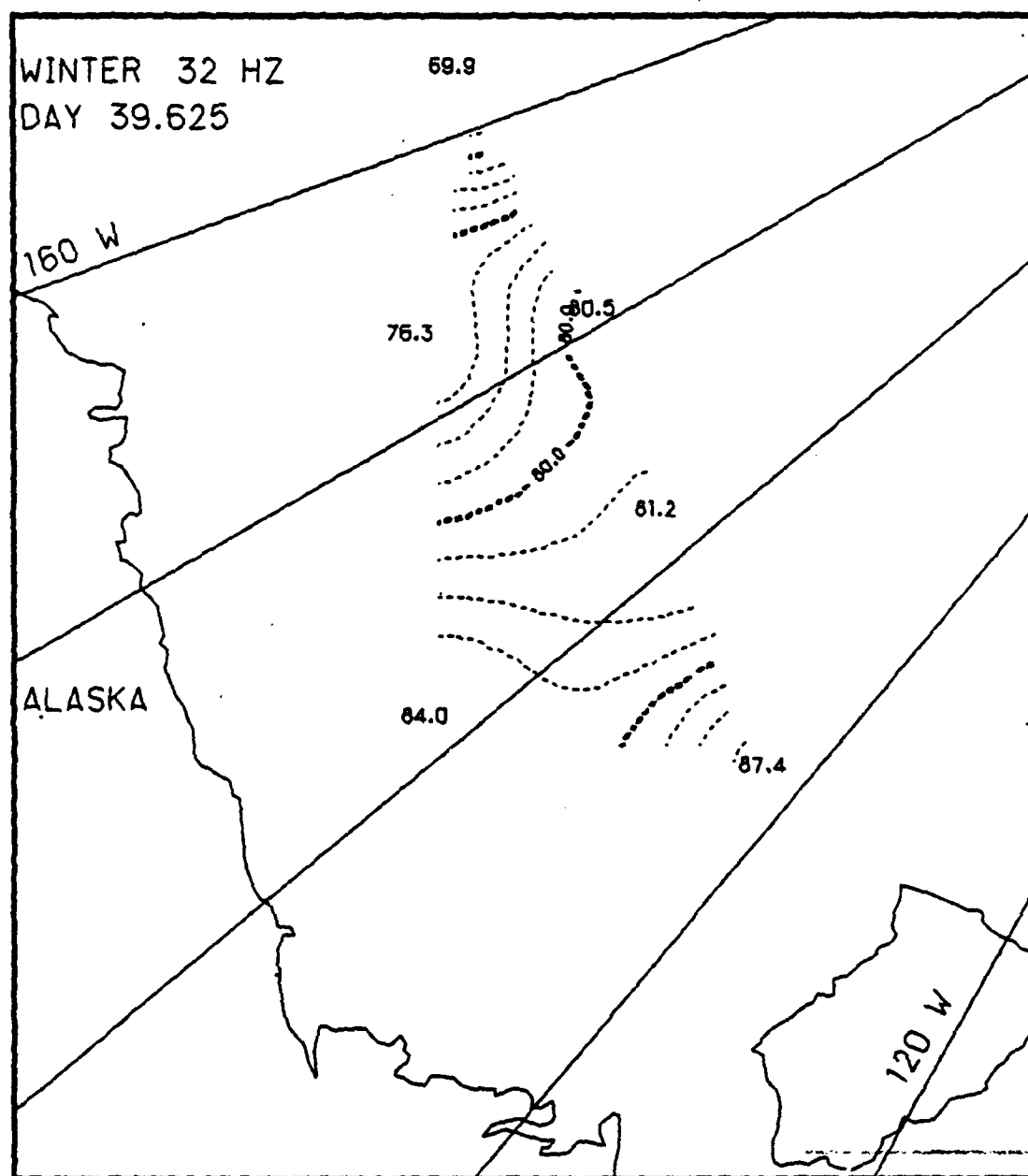


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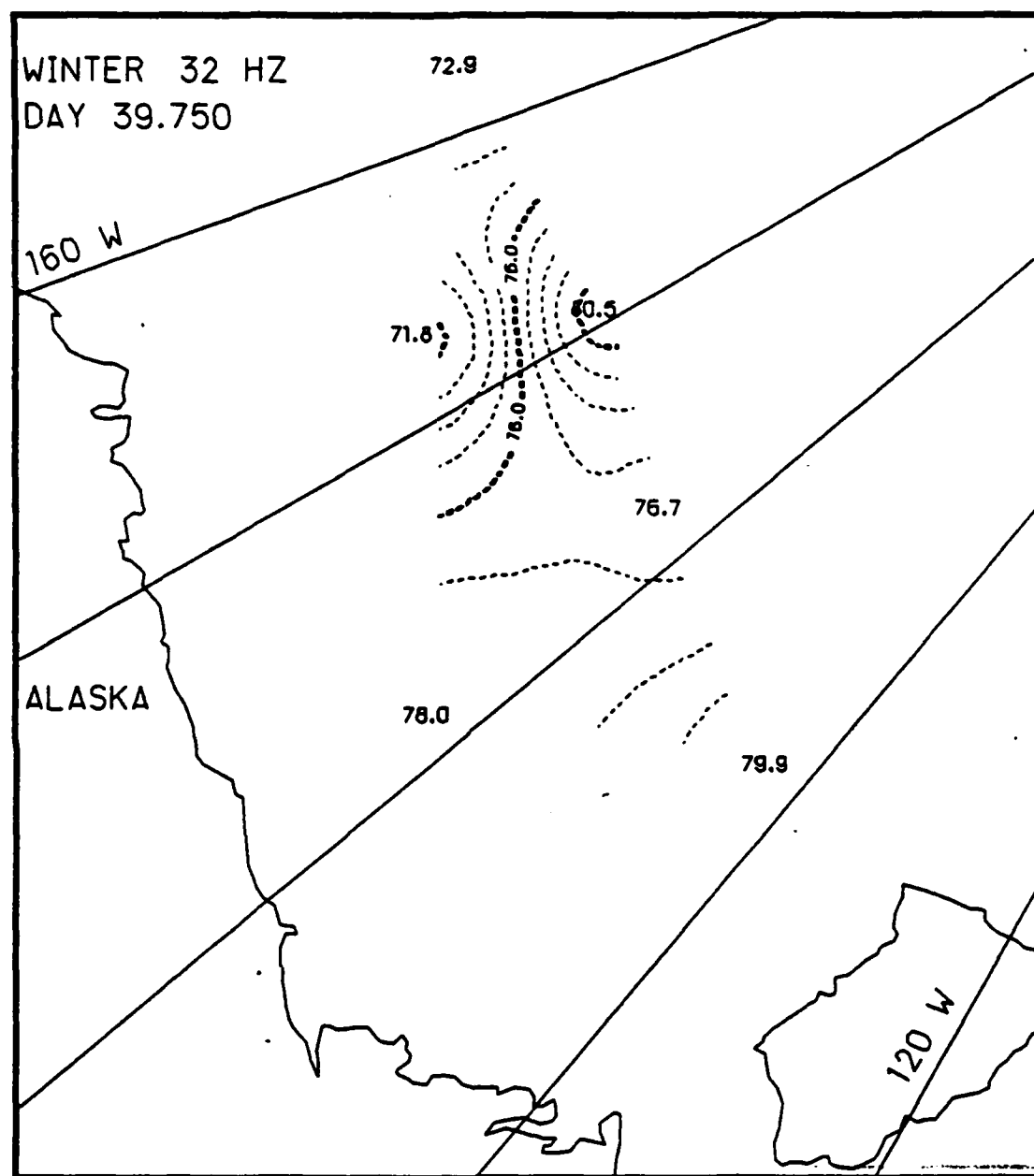


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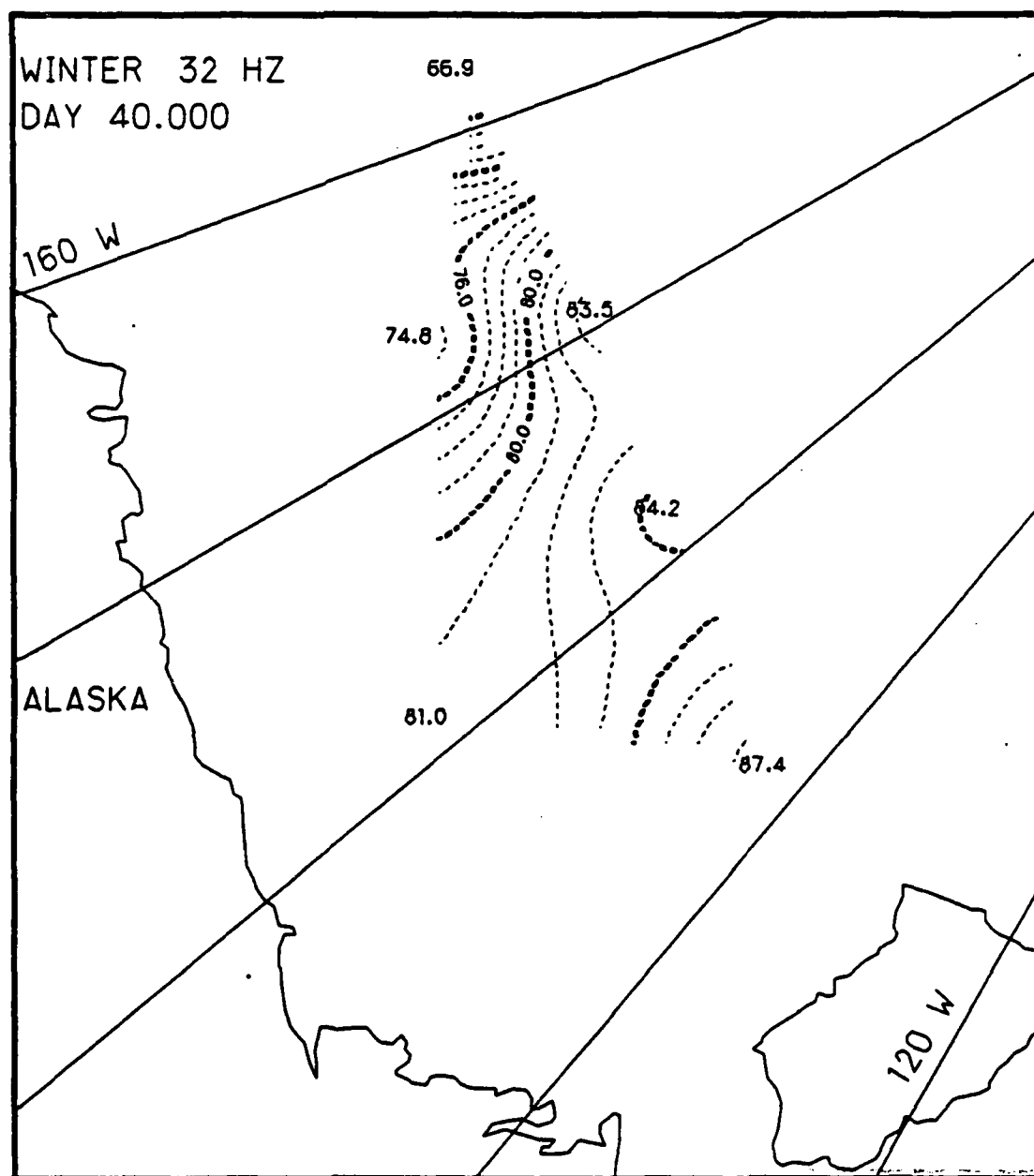


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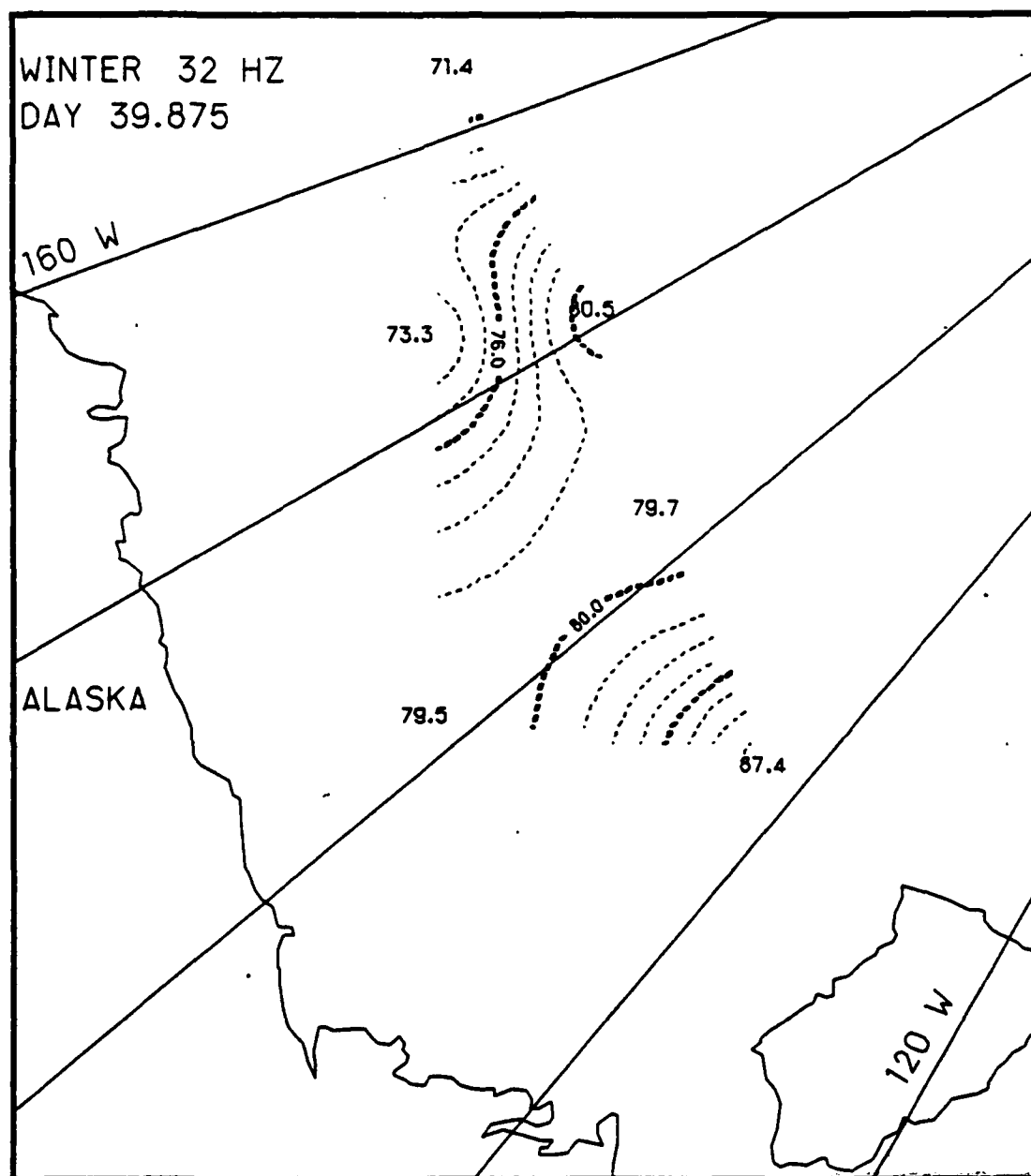


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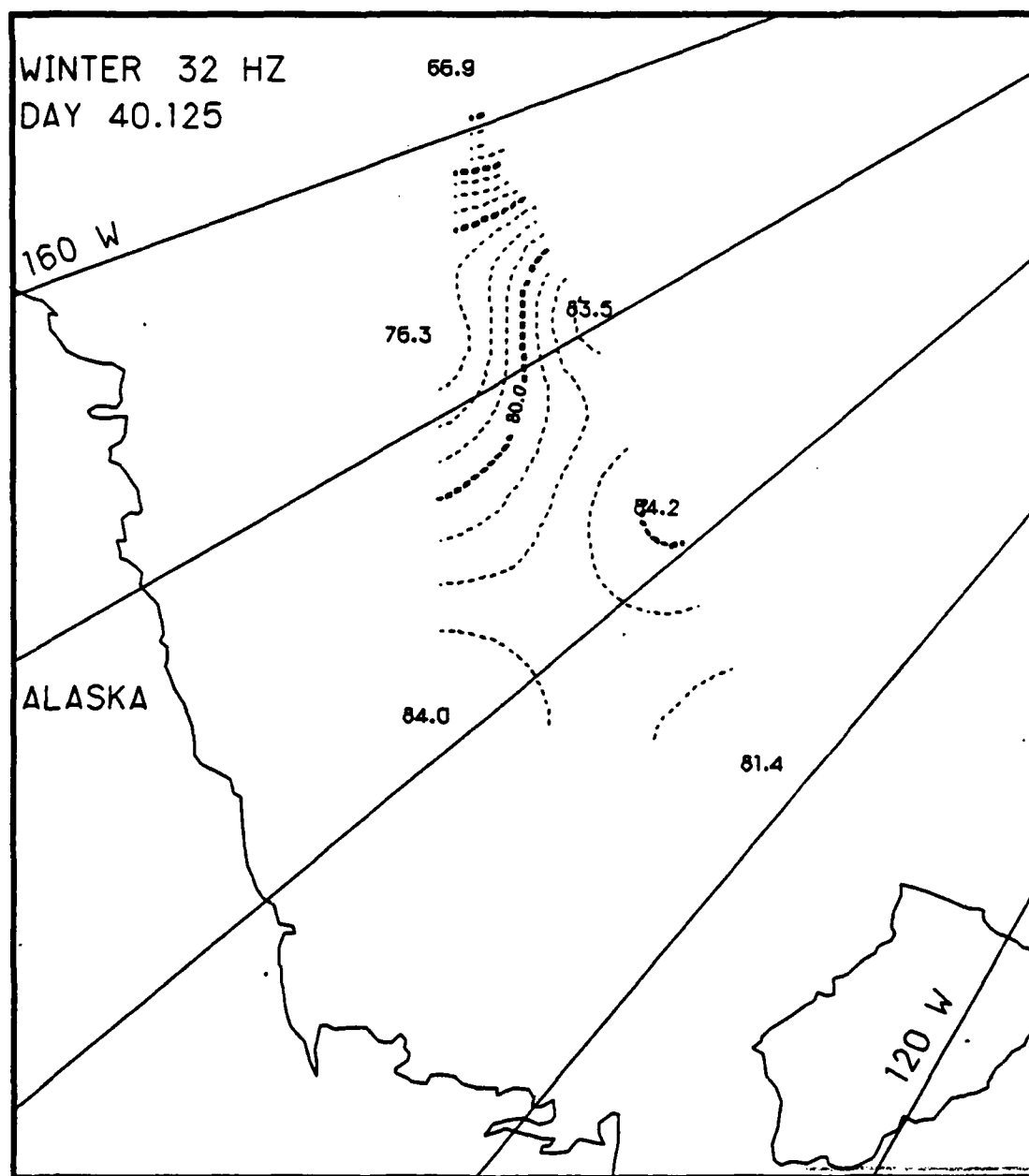


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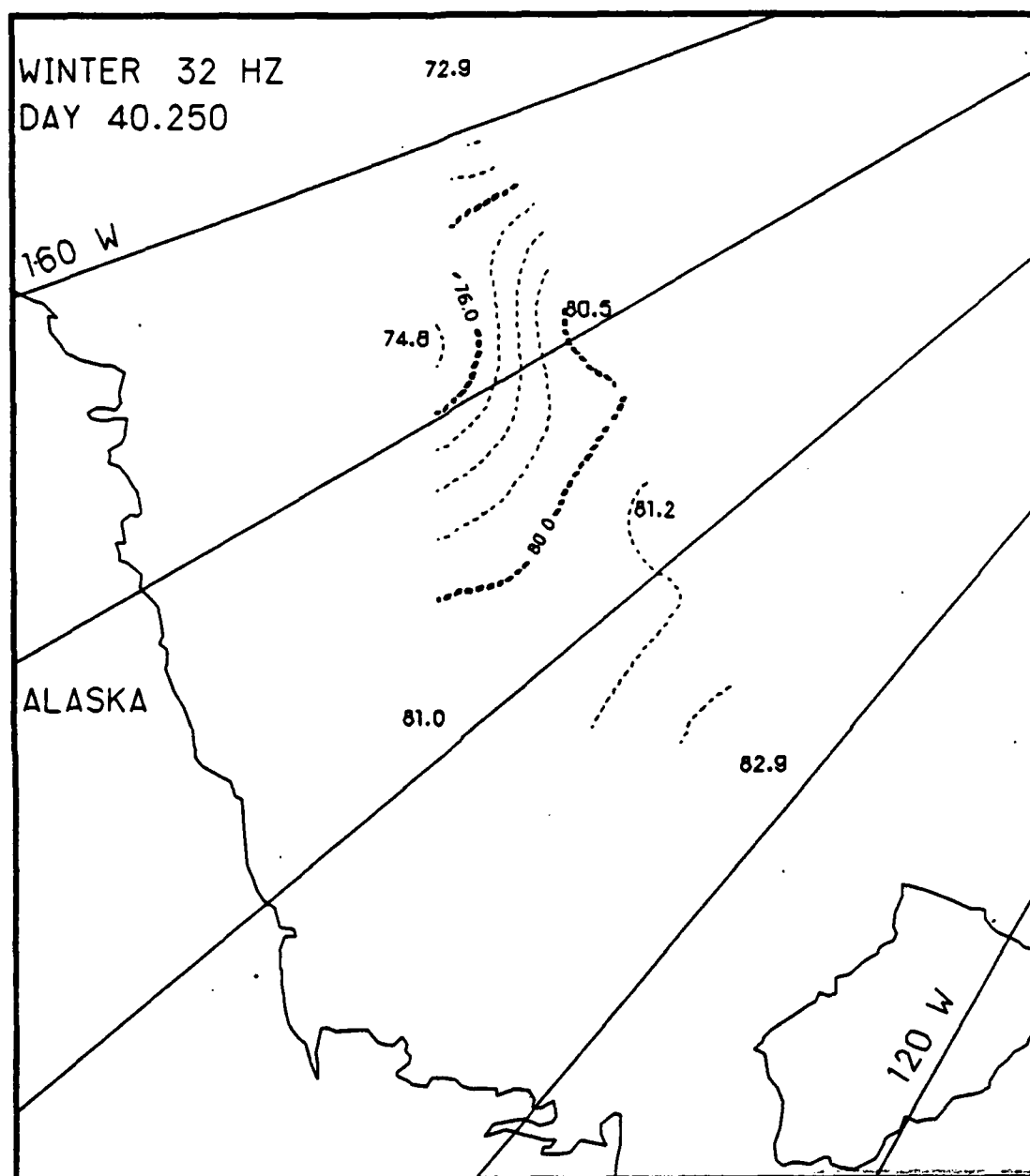


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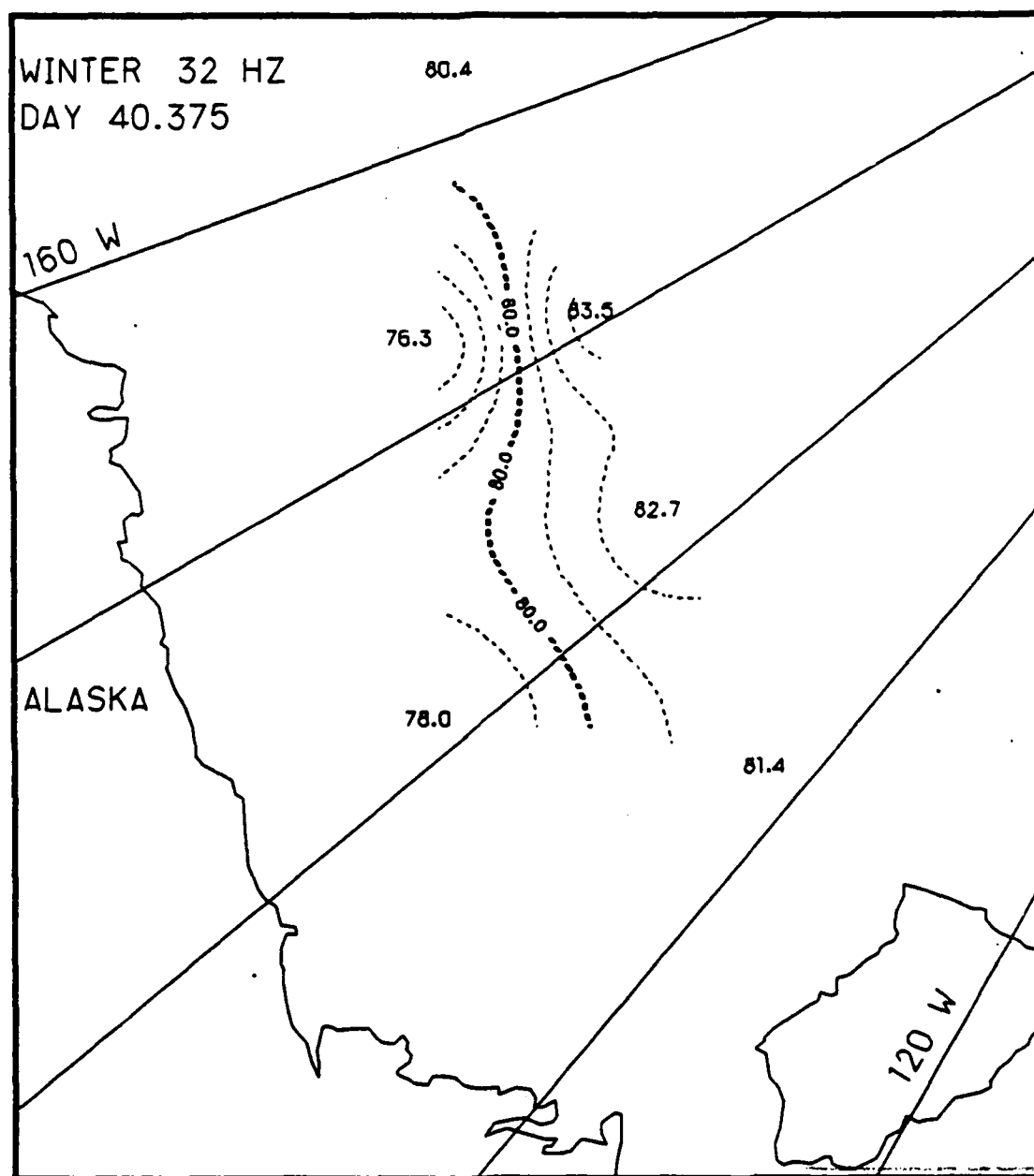


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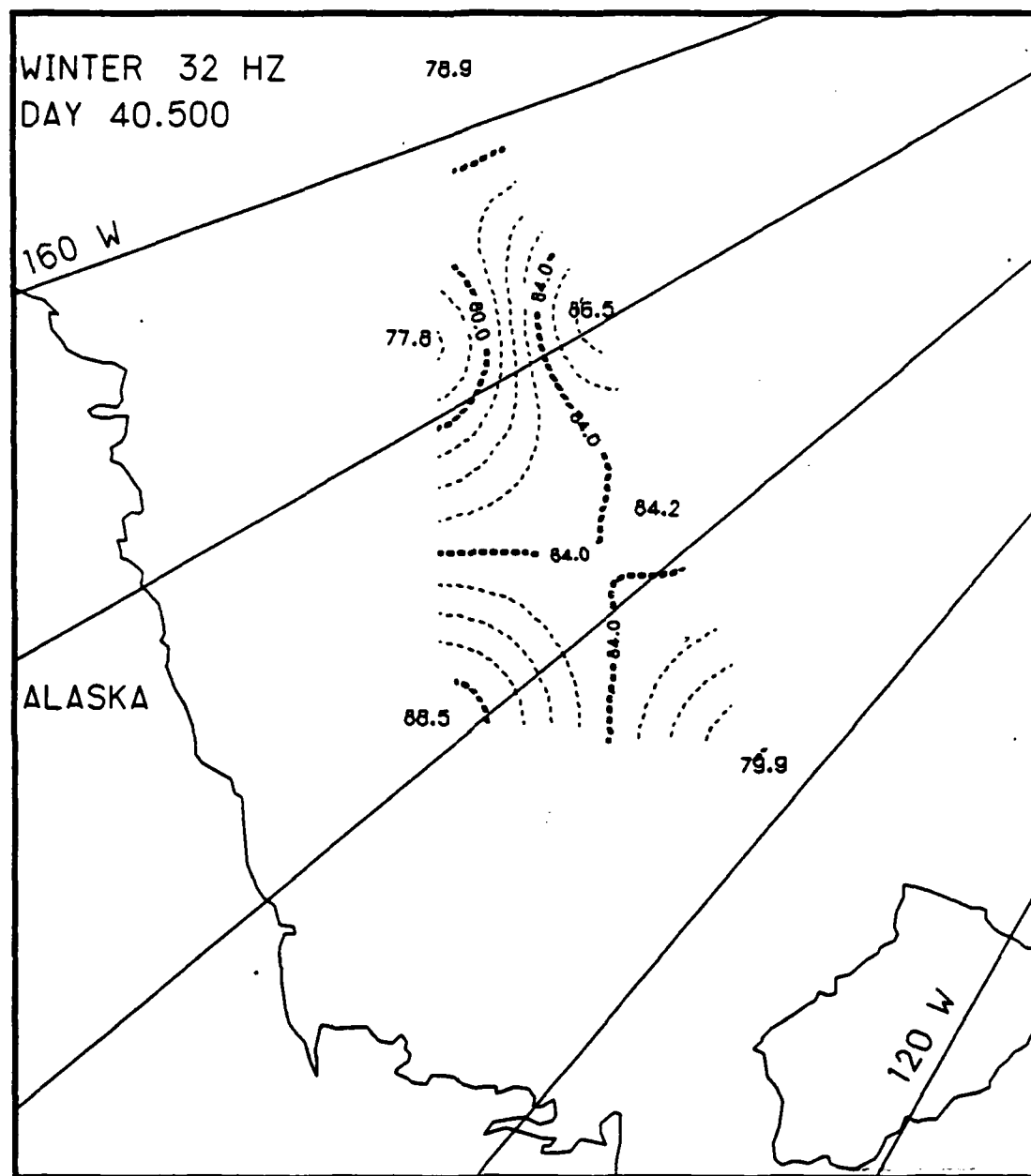


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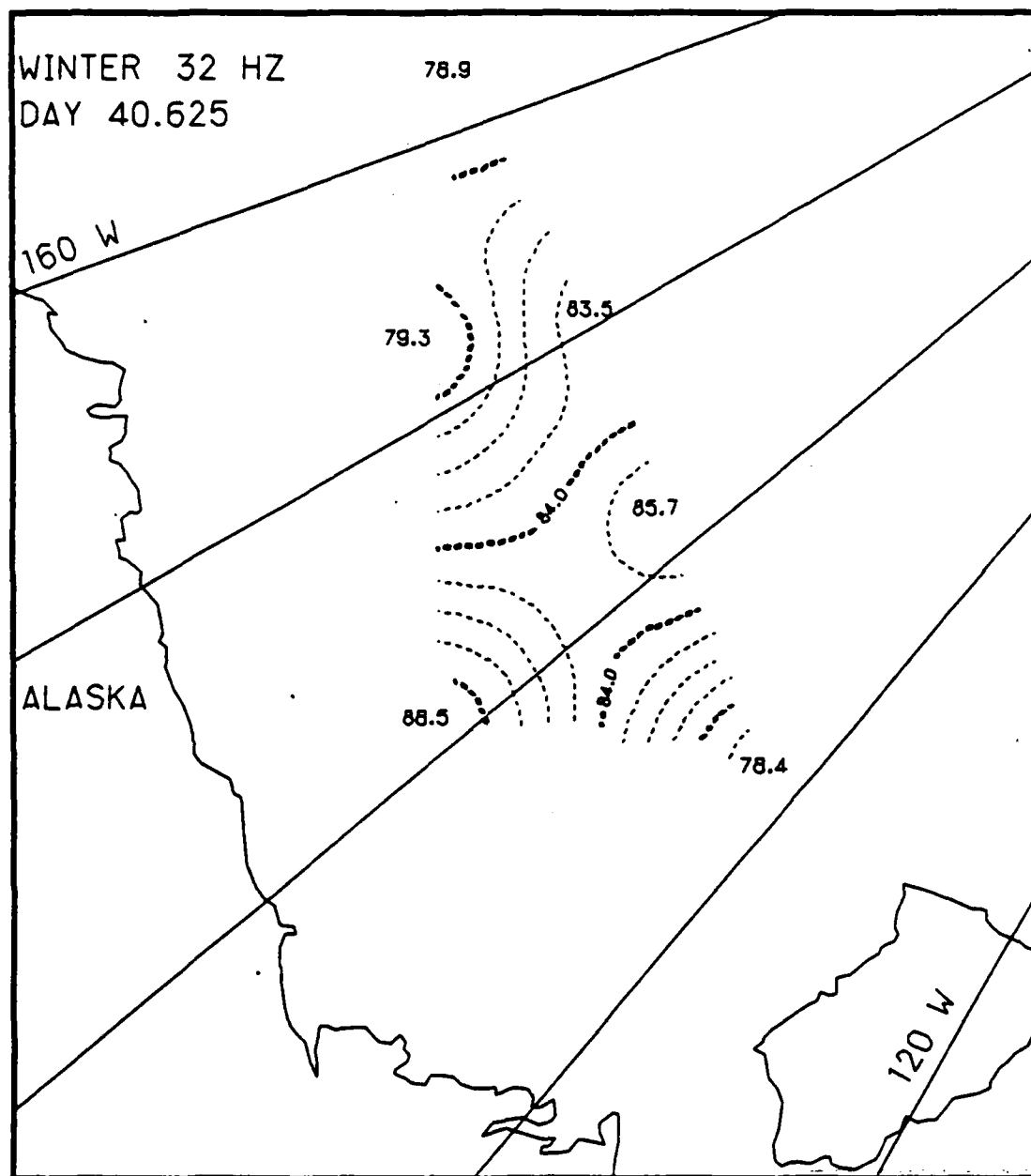


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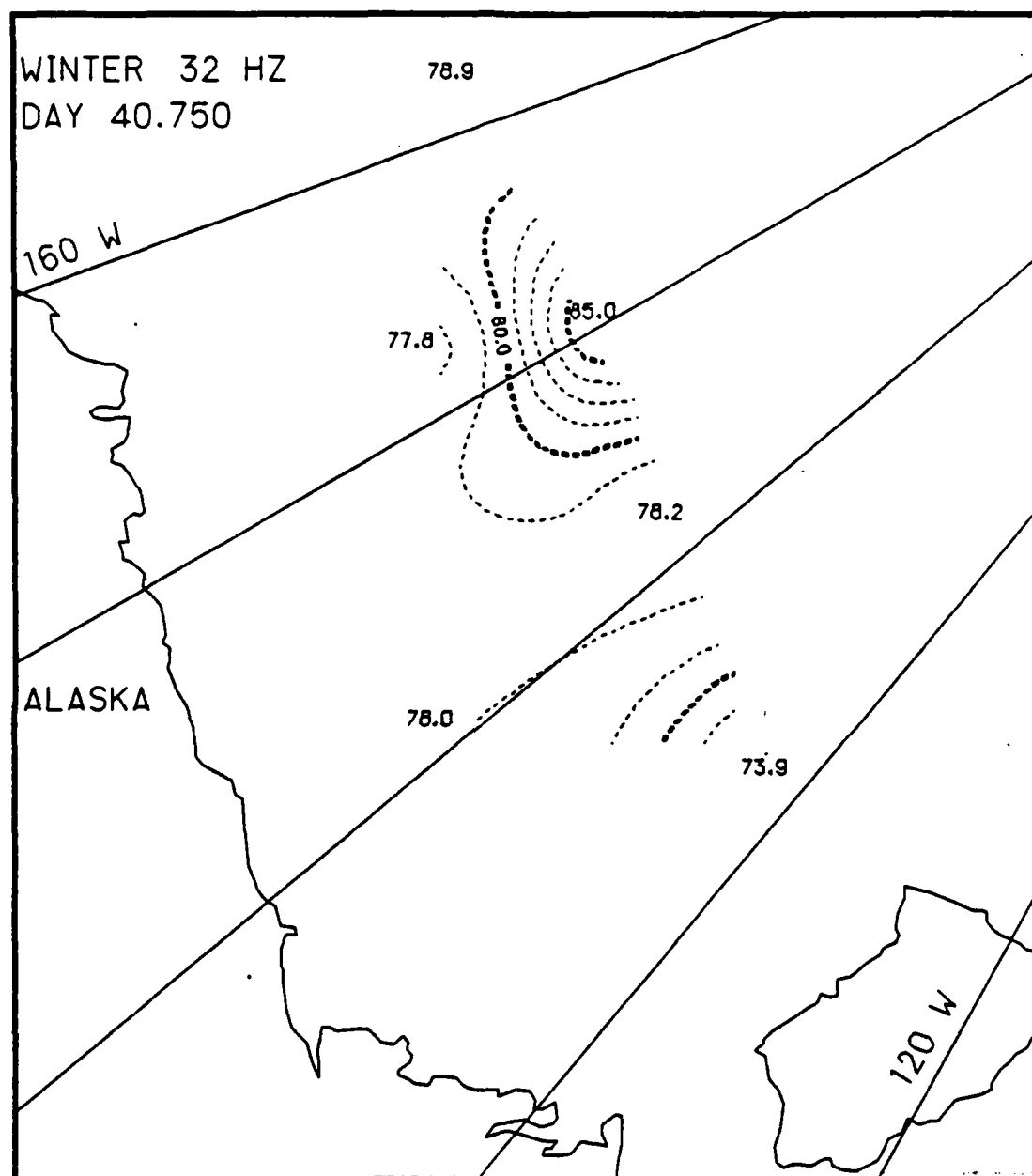


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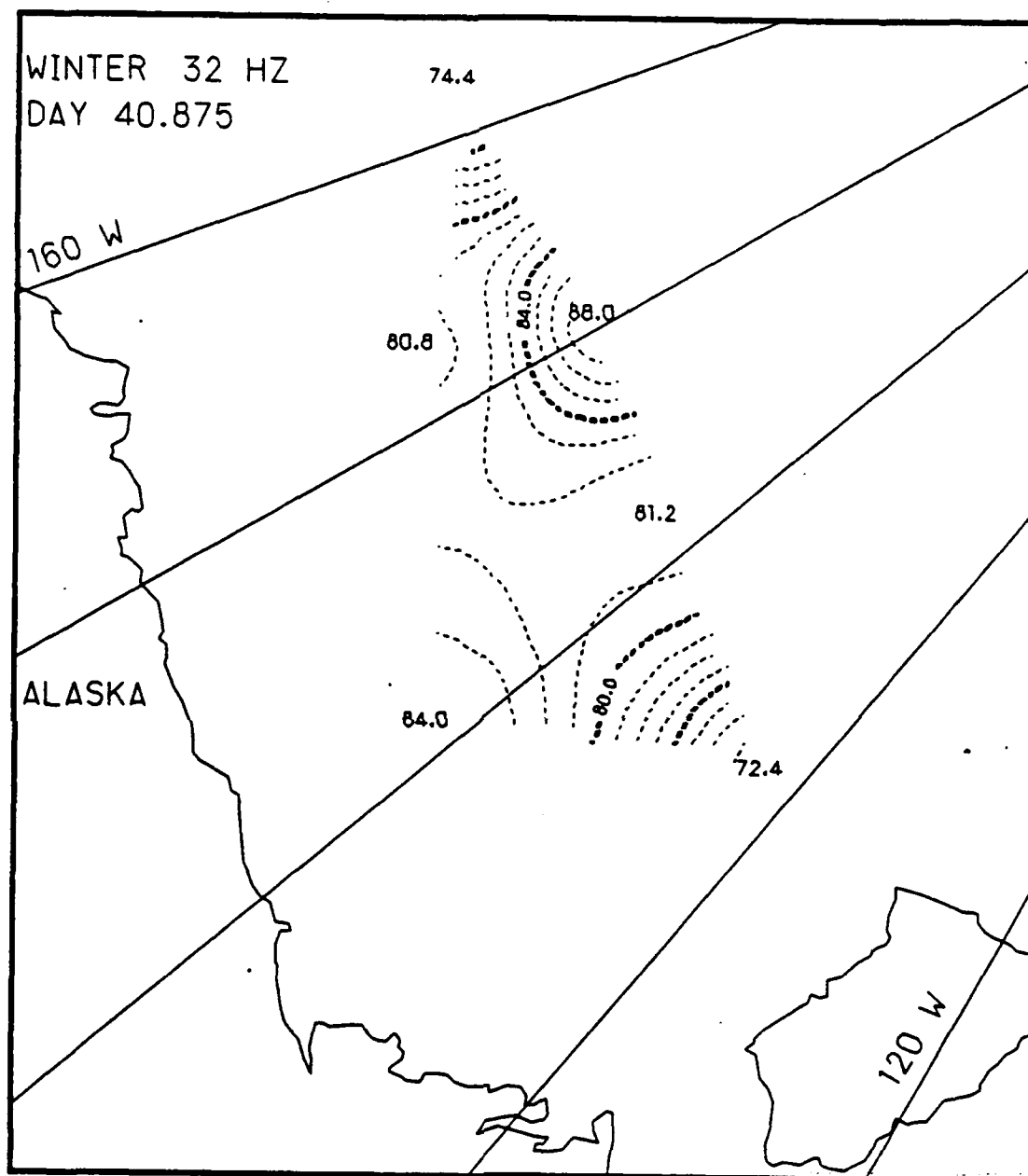


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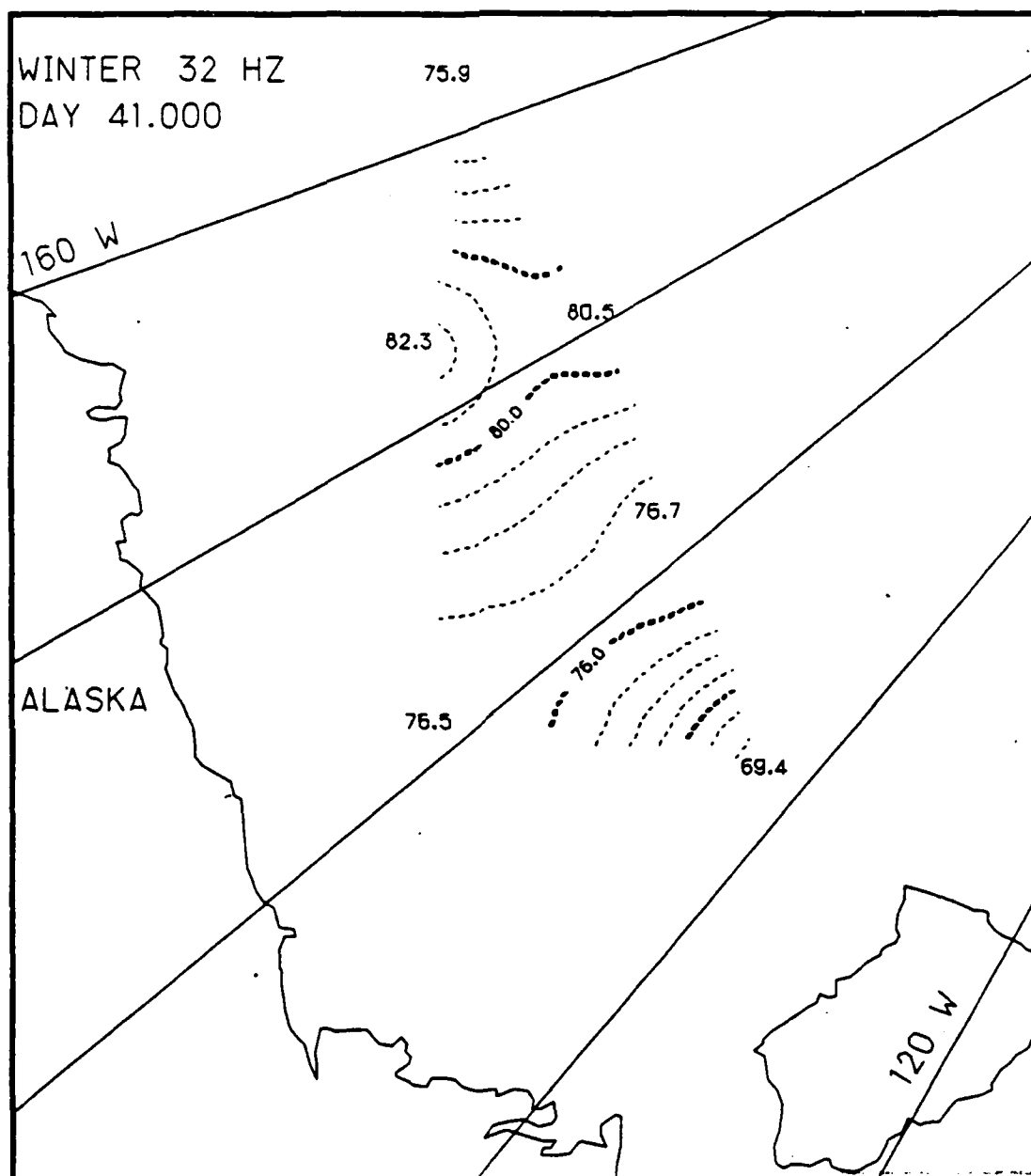


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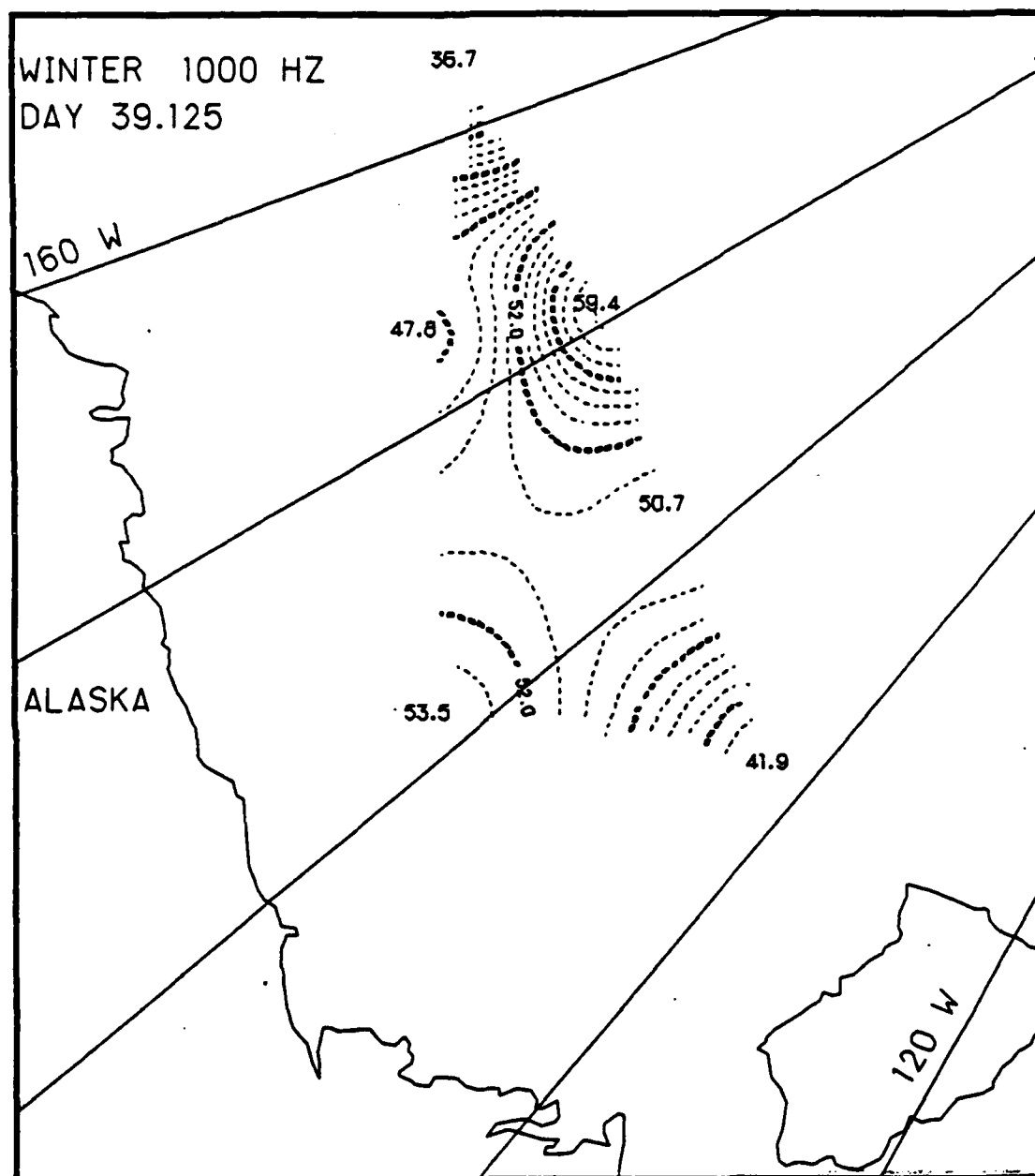


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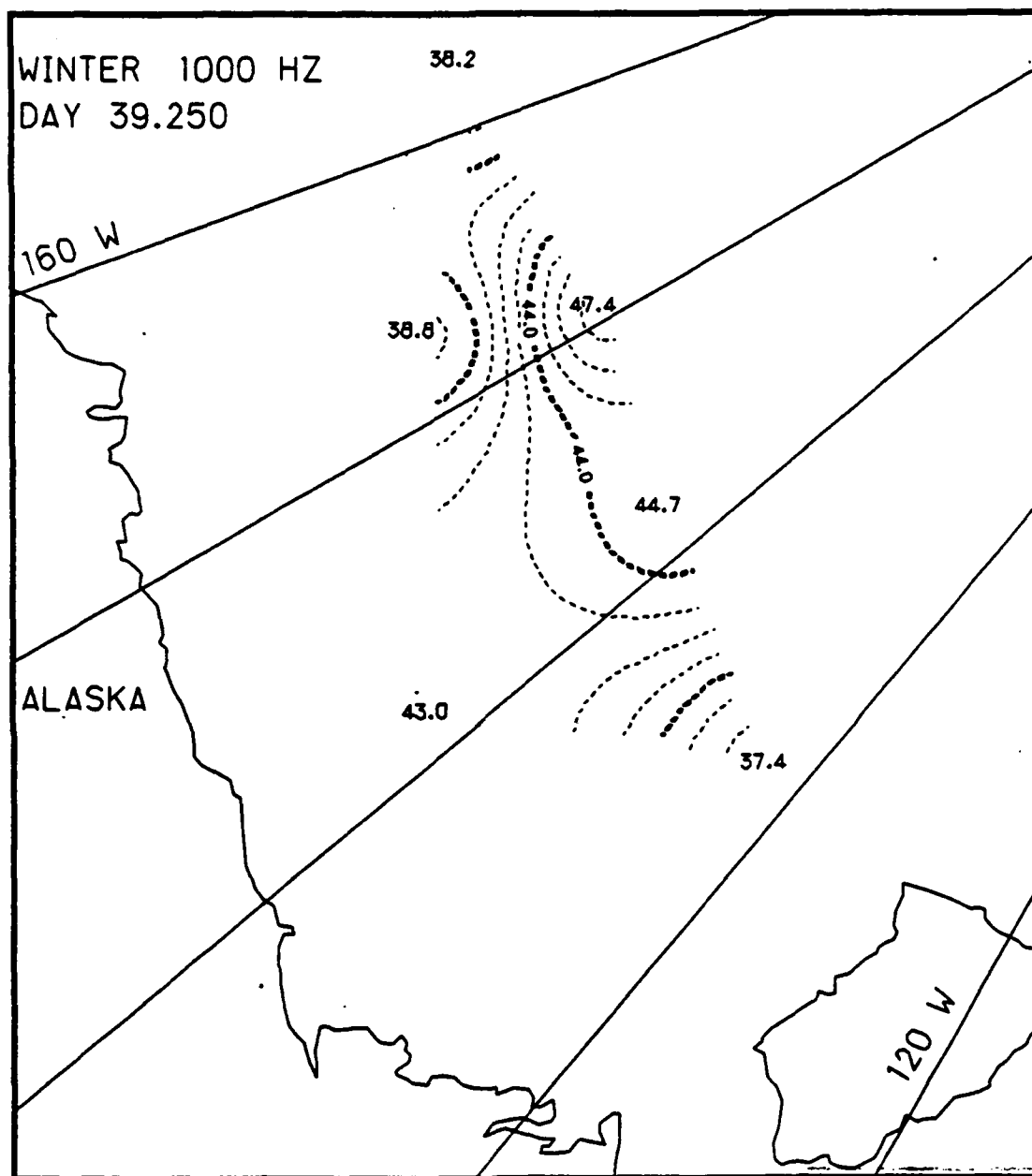


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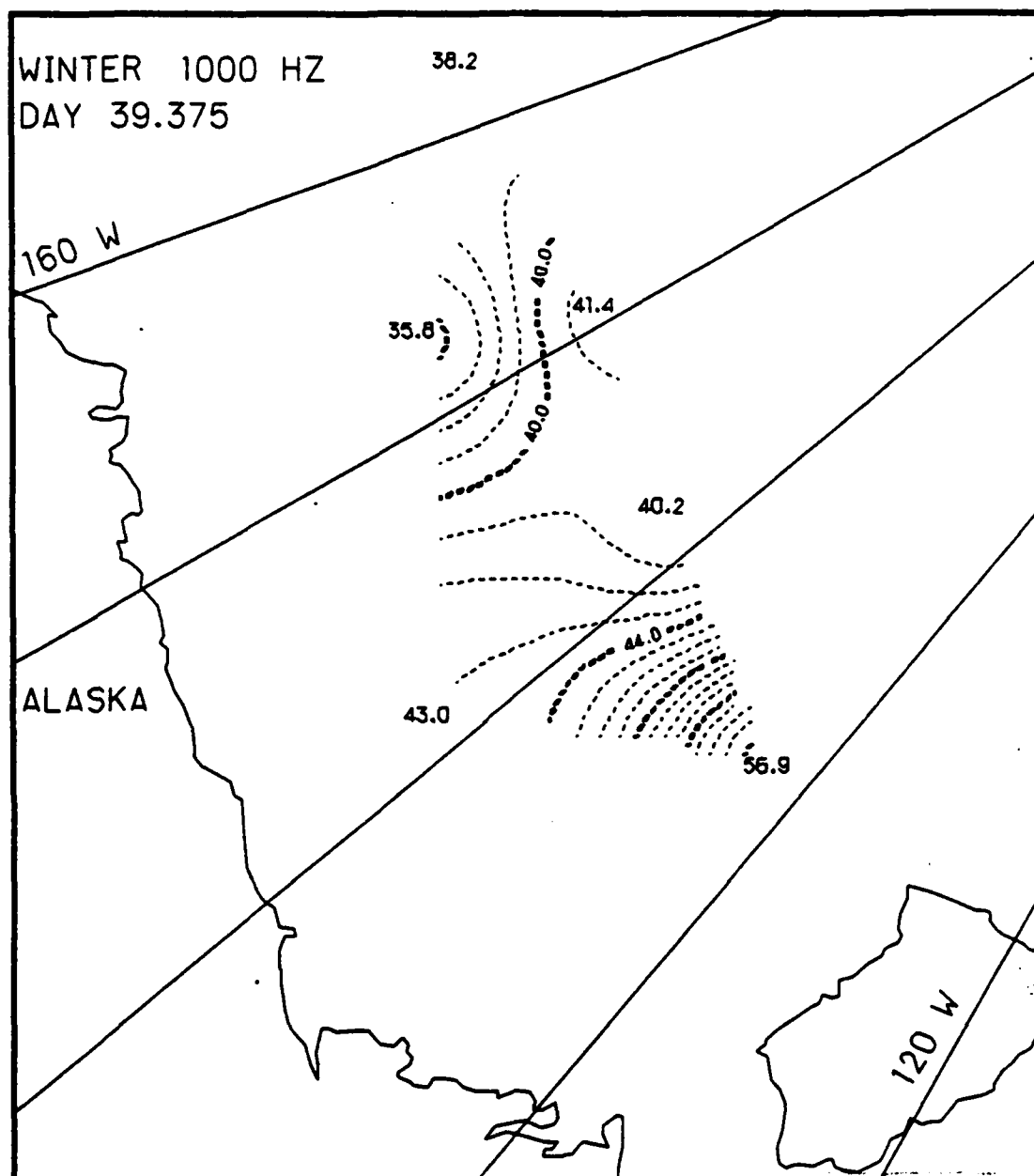


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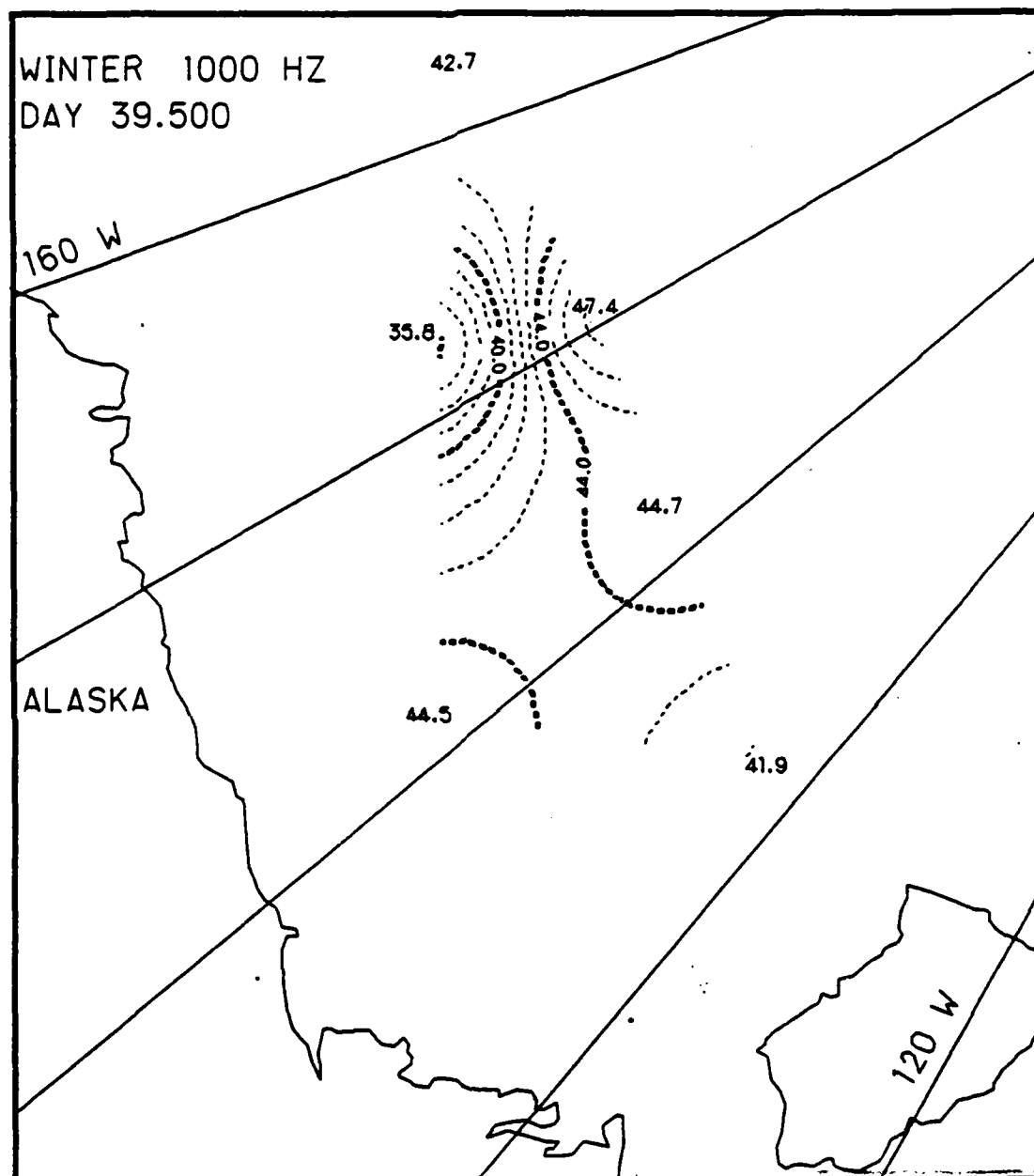


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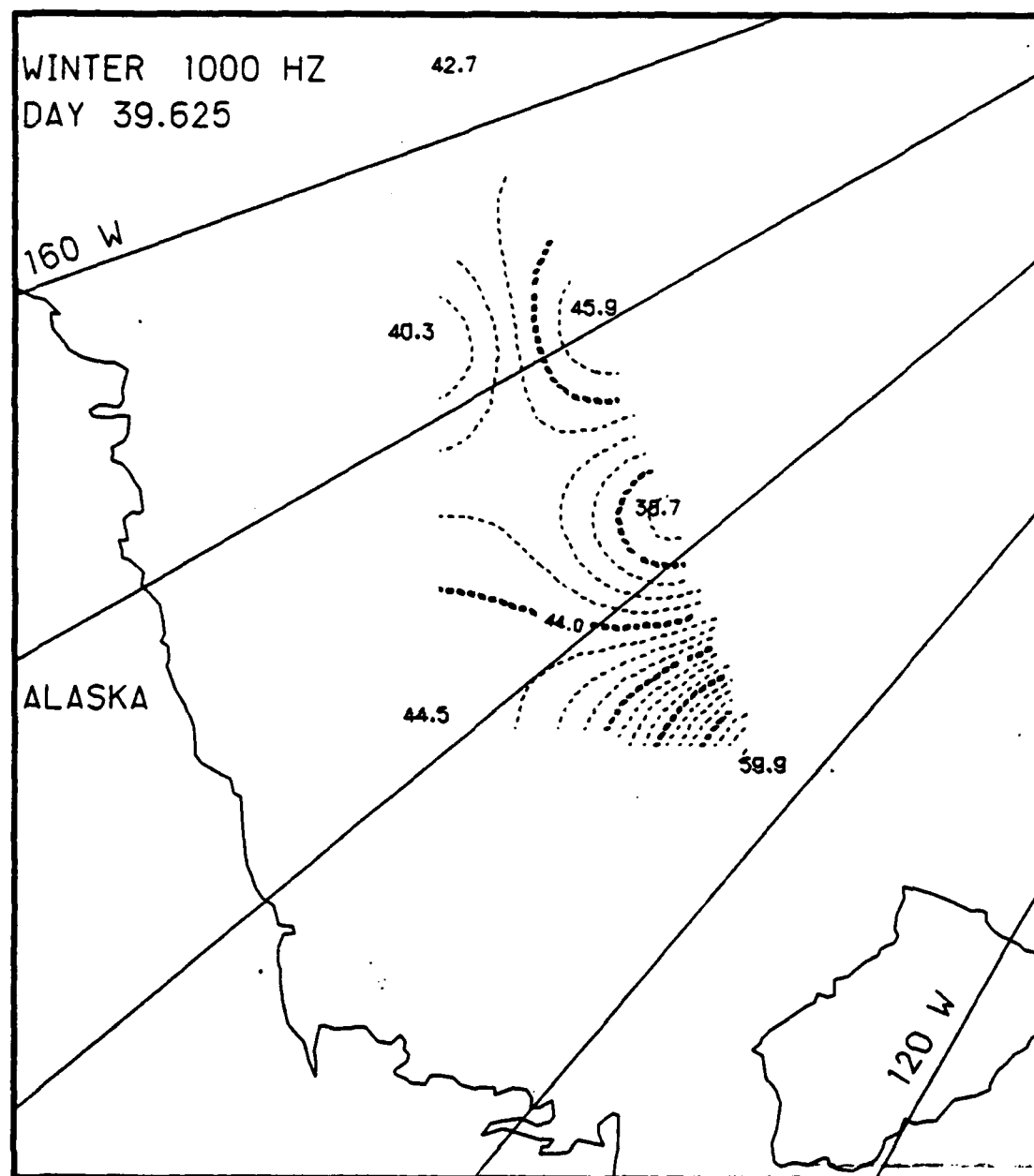


Fig. D.40. Spatial noise variations, day 39.625, based on the AIDJEX 1000 Hz noise data.

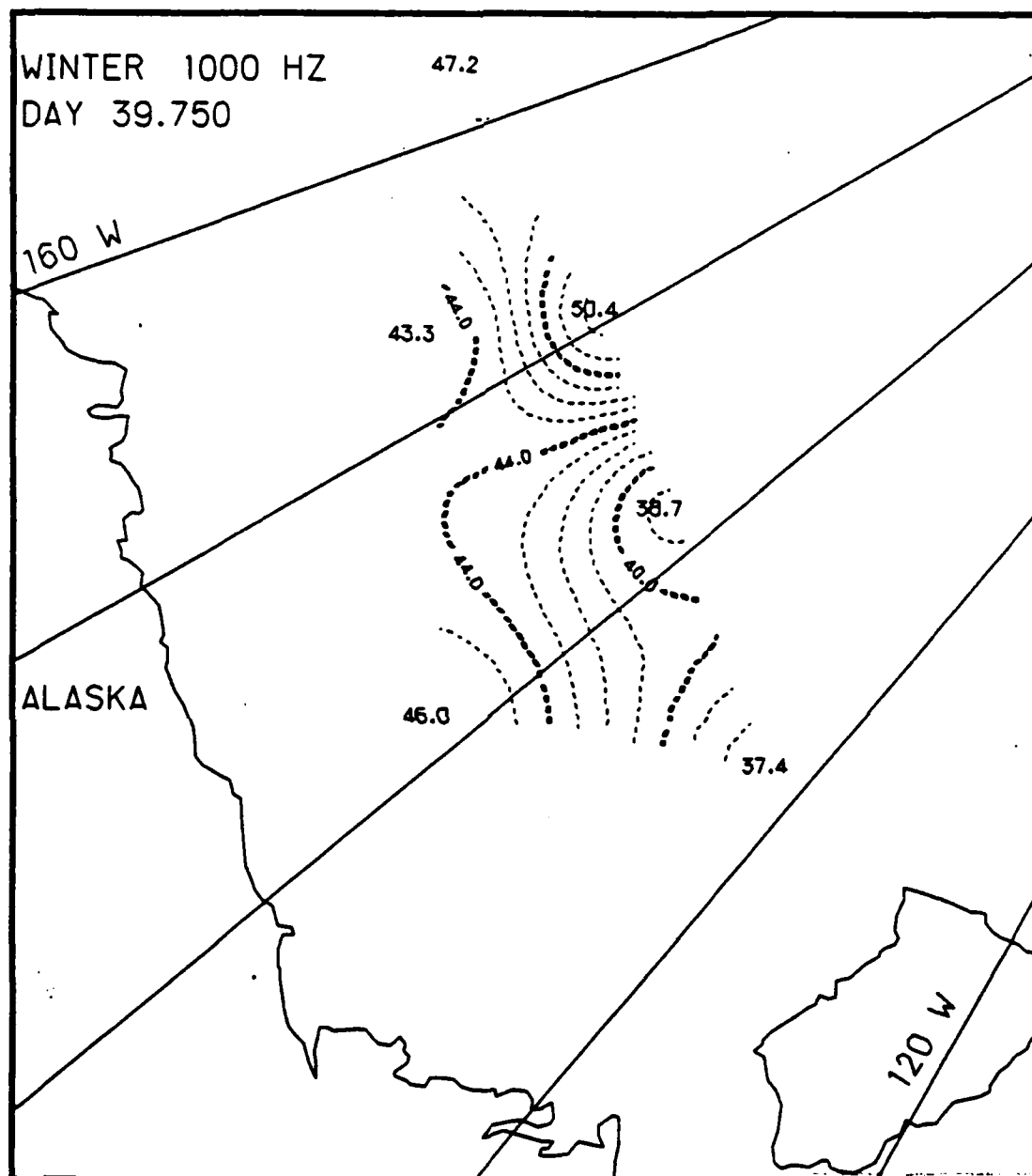


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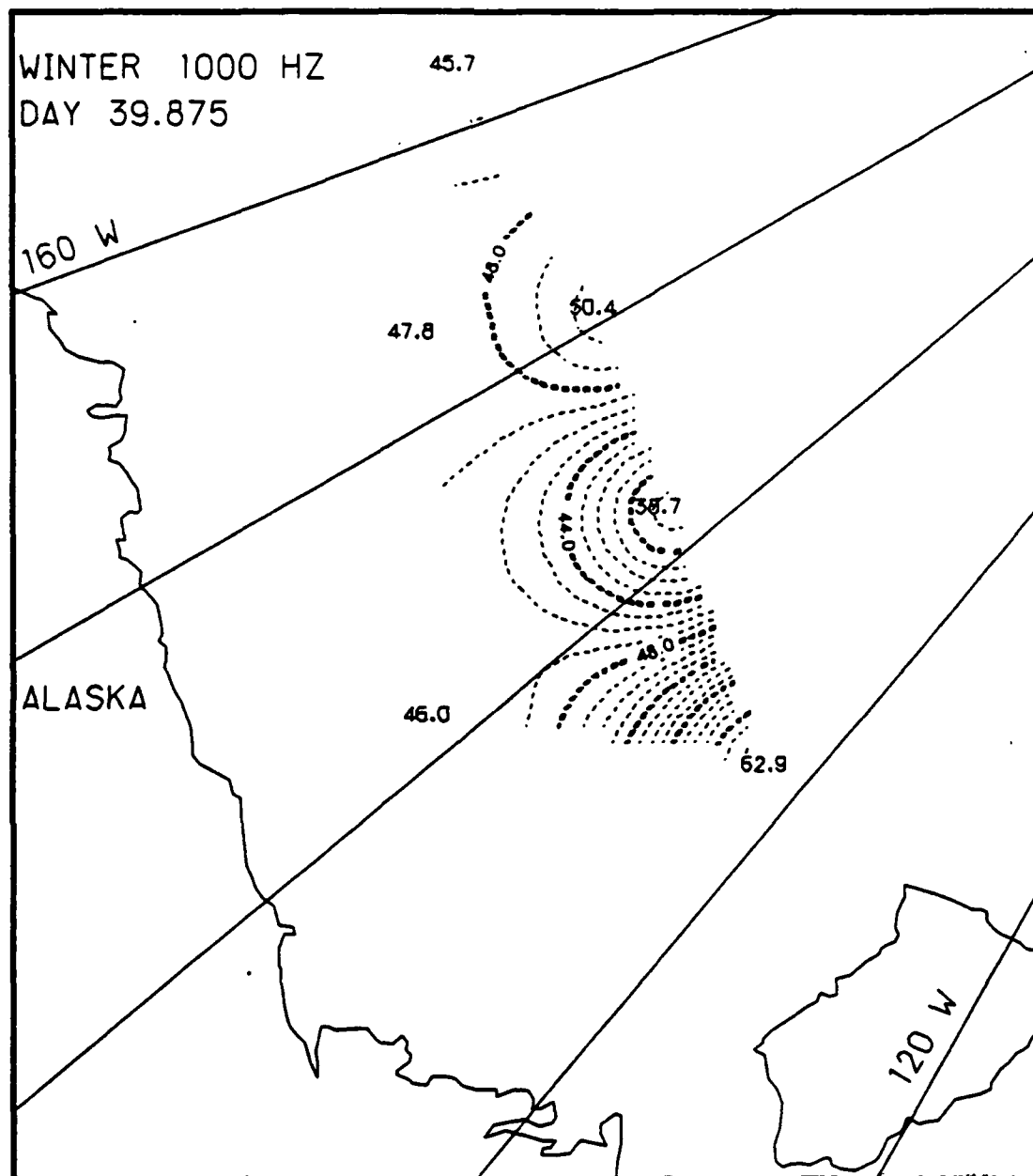


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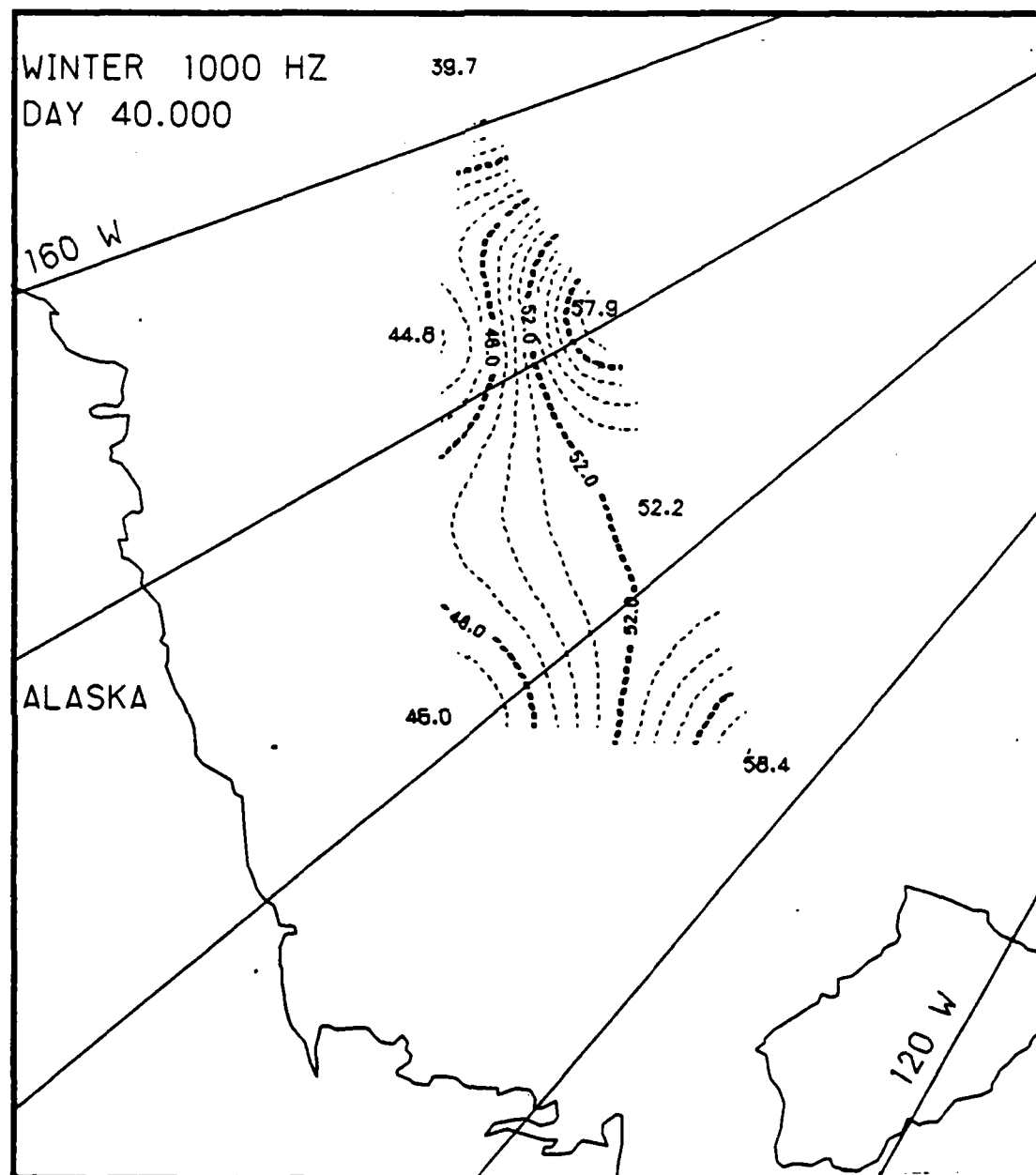


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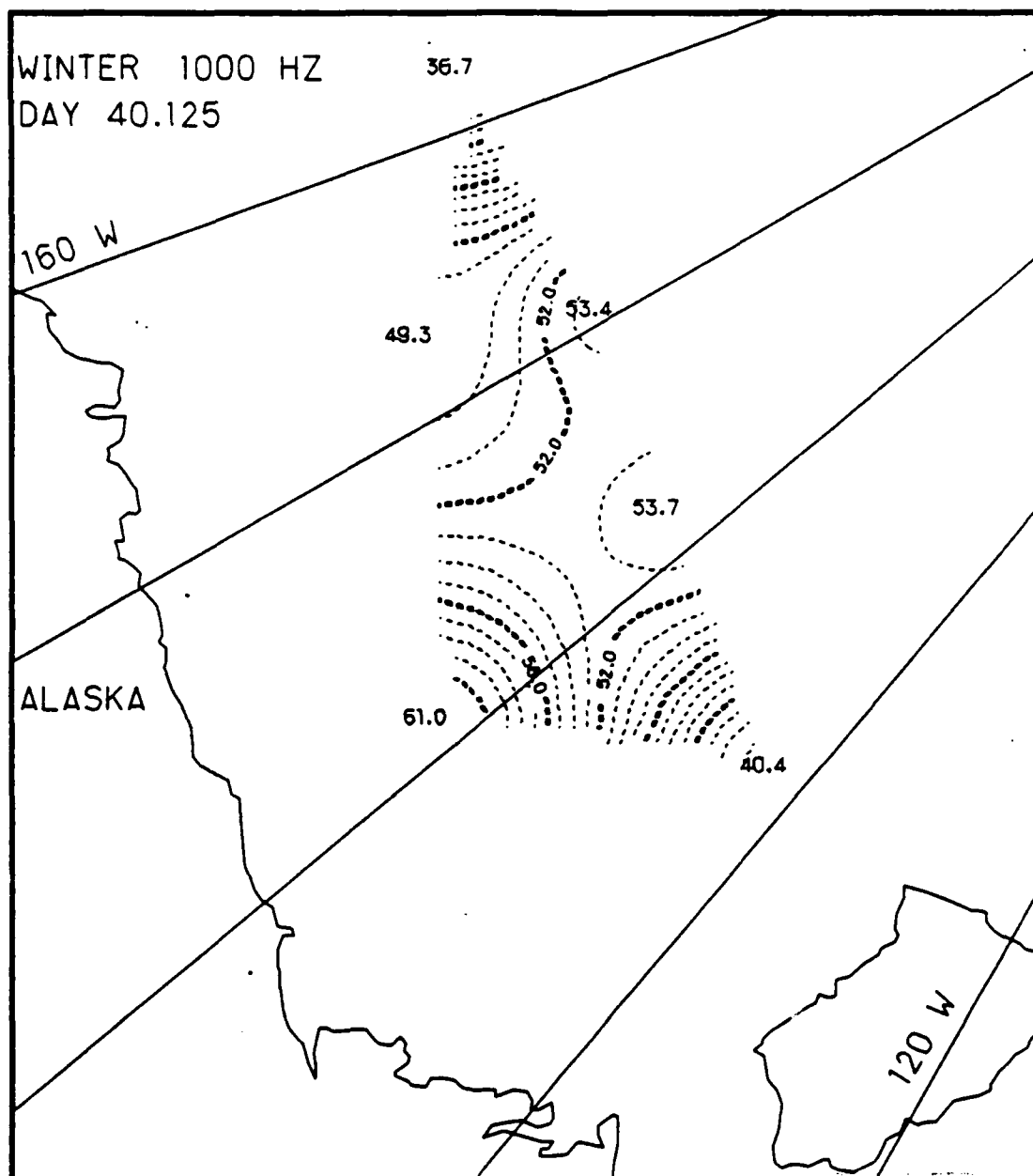


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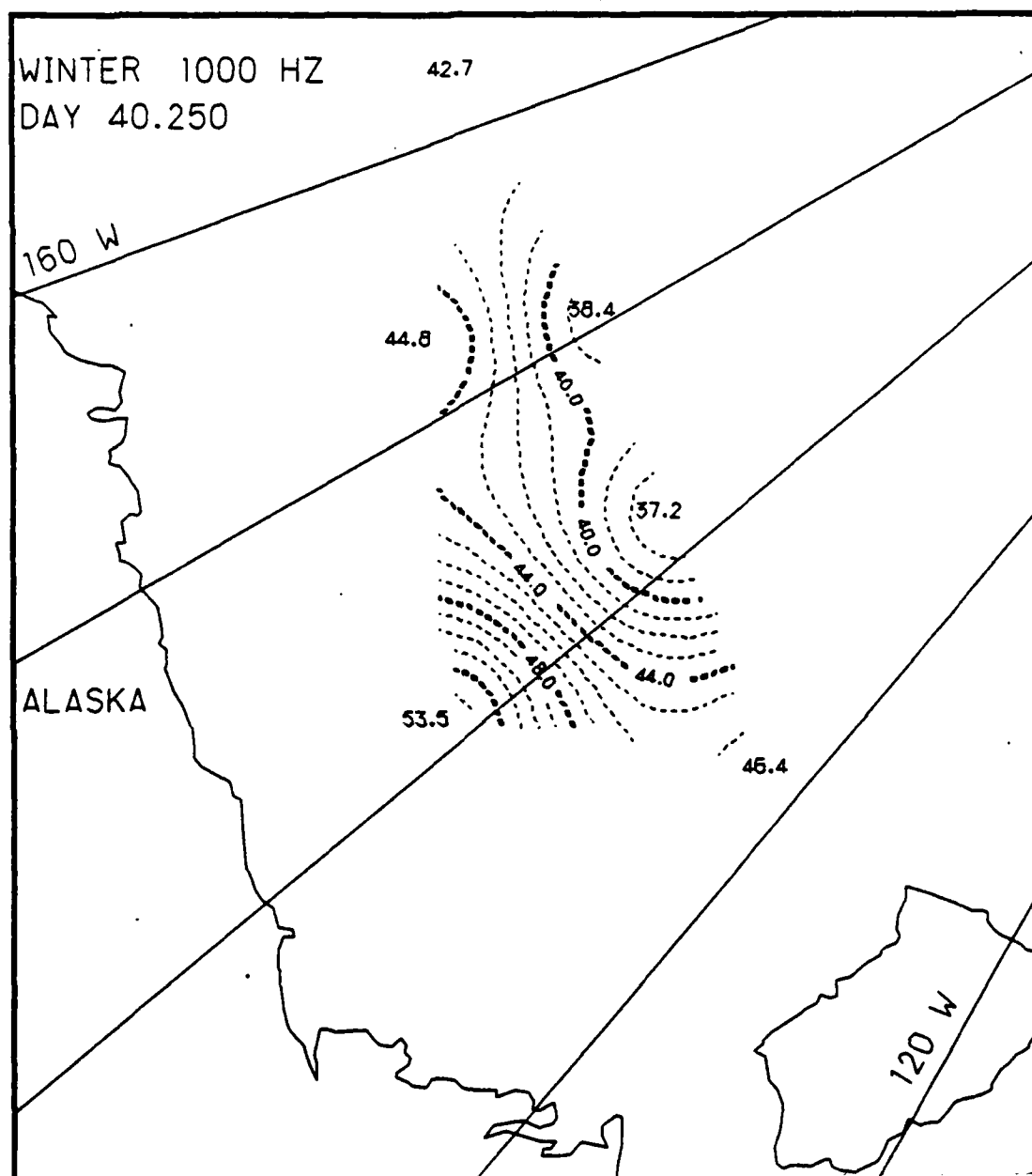


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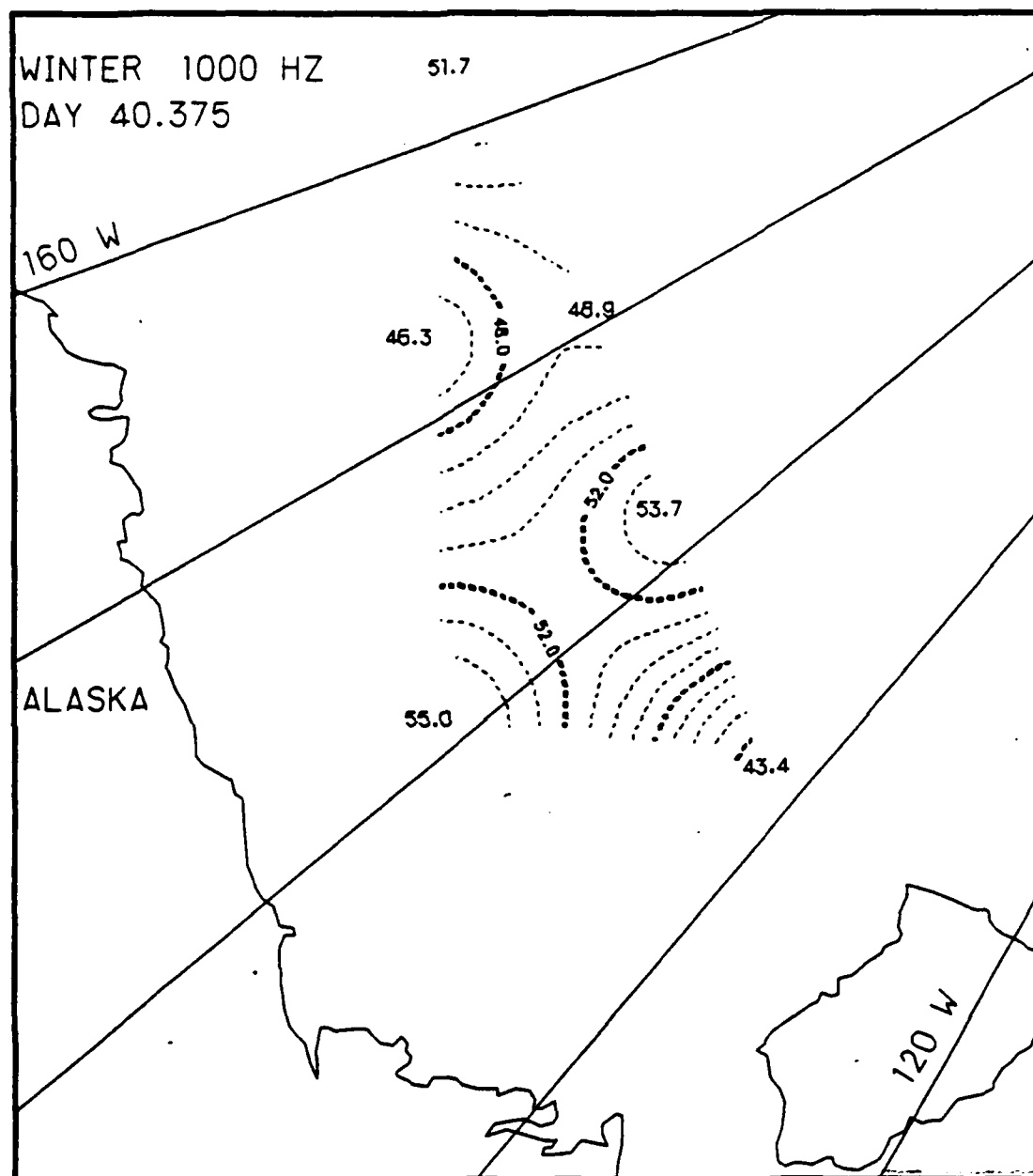


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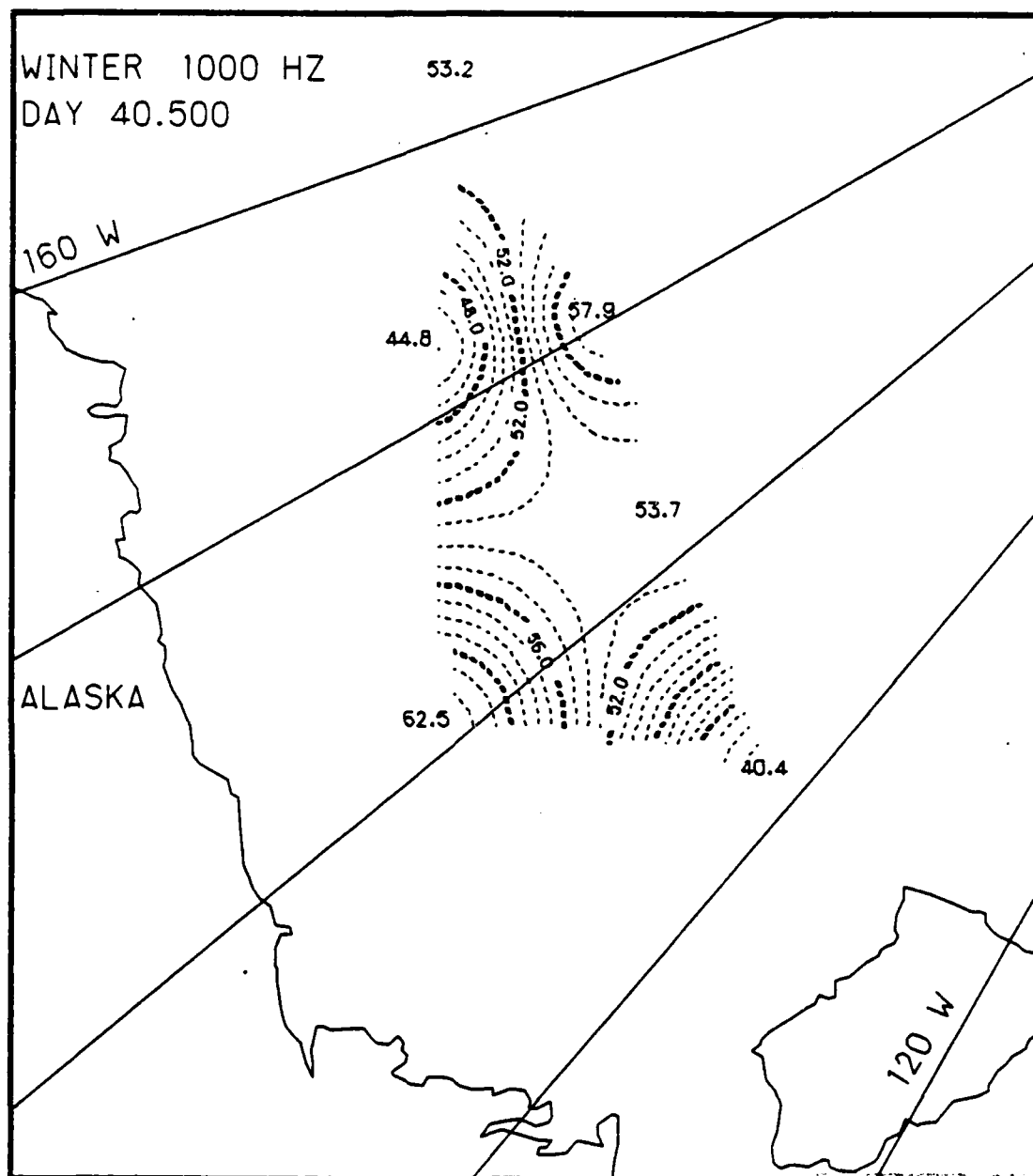


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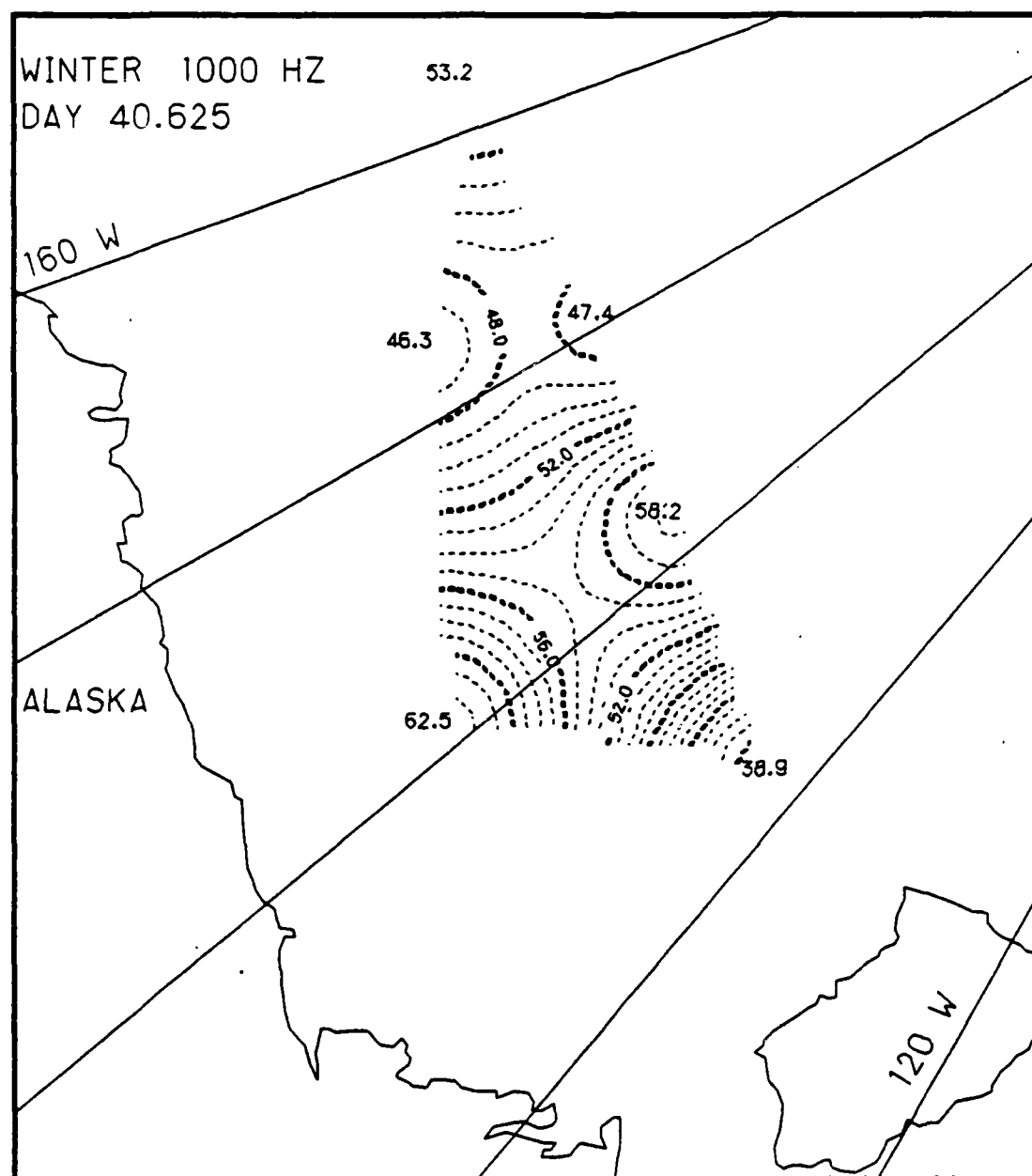


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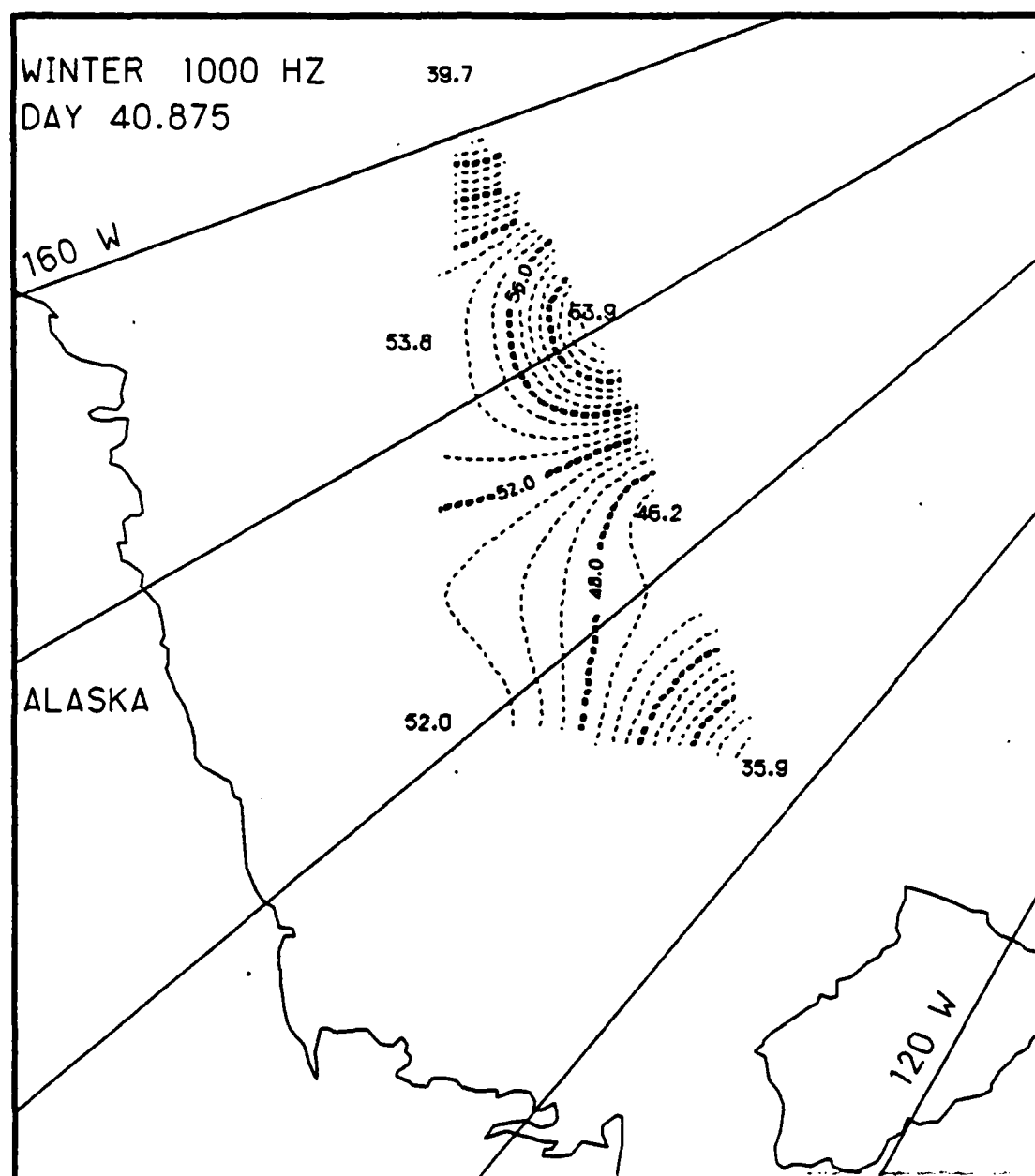


Fig. D.50. Spatial noise variations, day 40.875, based on the AIDJEX 1000 Hz noise data.

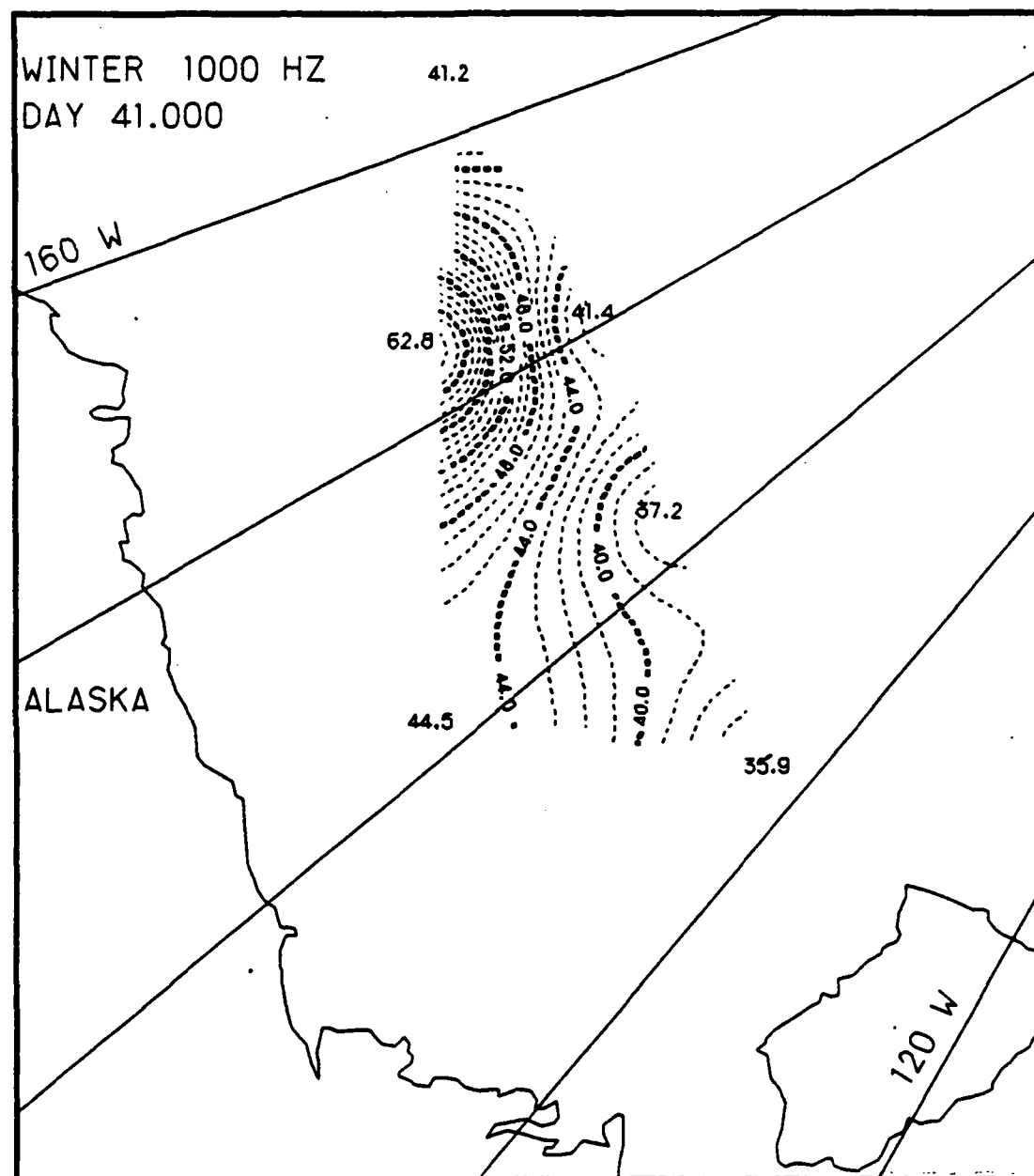


Fig. D.51. Spatial noise variations, day 41.0, based on the AIDJEX 1000 Hz noise data.

Appendix E

Two-Dimensional Contour Maps of Arctic Ambient Noise Variations, 21-22 February 1976 (Winter)

This appendix contains the two-dimensional contour maps of the AIDJEX 10 Hz, 32 Hz, and 1000 Hz noise signals for the 48 hour period of 21-22 February 1976. The contour maps show the spatial variations of the ambient noise signals at 3 hr intervals, the units of noise being decibells. This time period (Julian days 51 and 52) was chosen since the noise levels at all three frequencies showed unusually low intensities.

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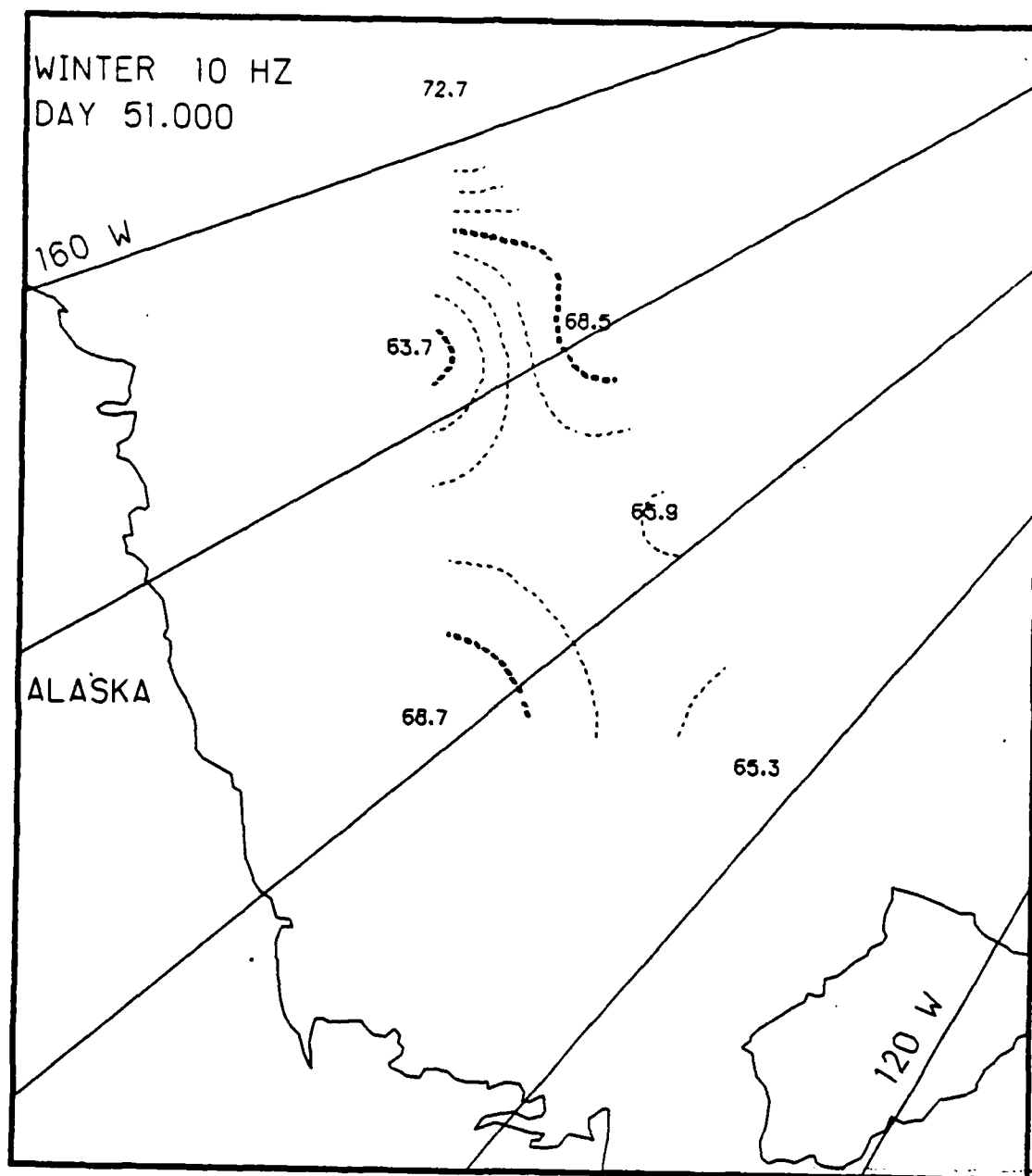


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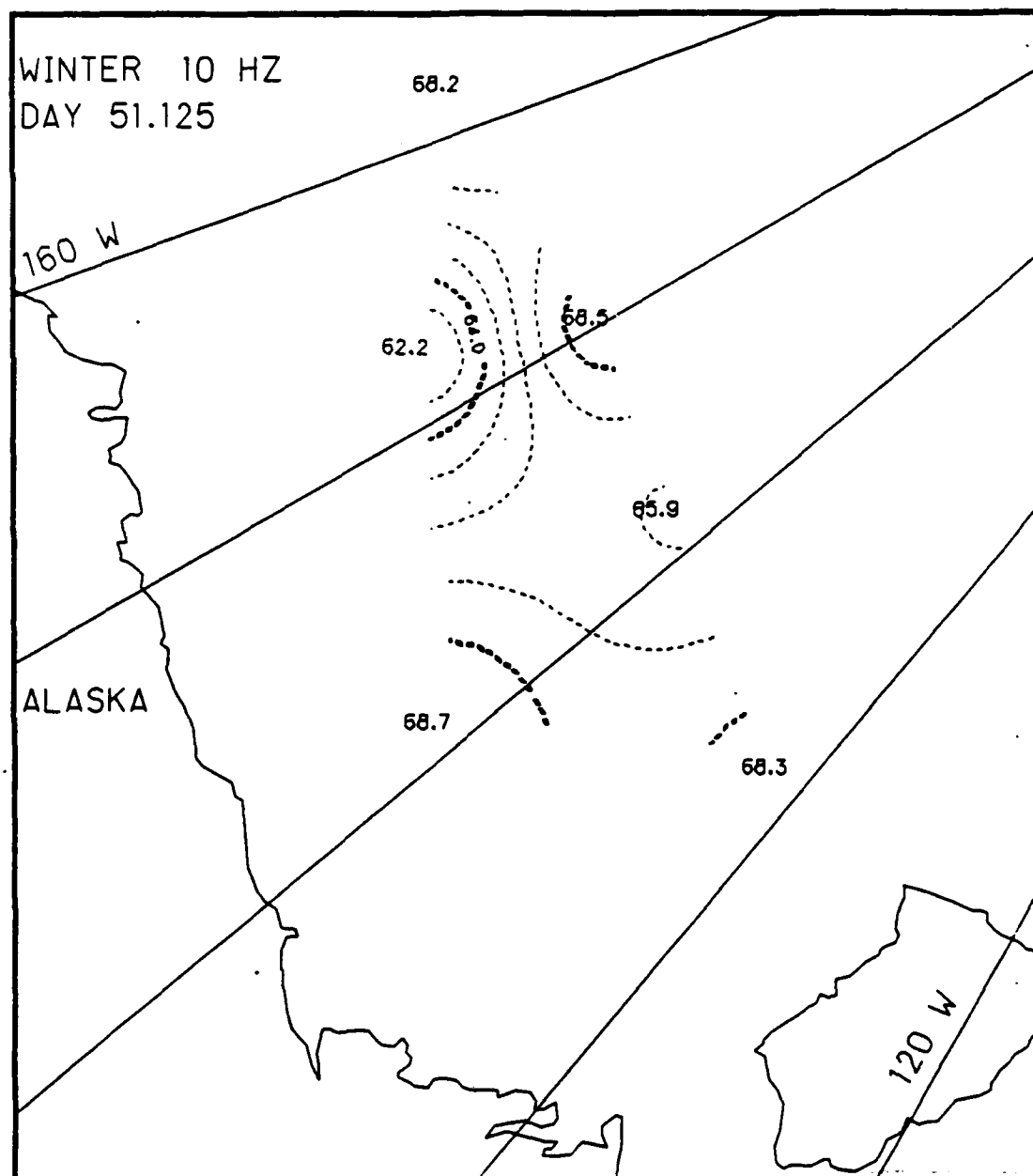


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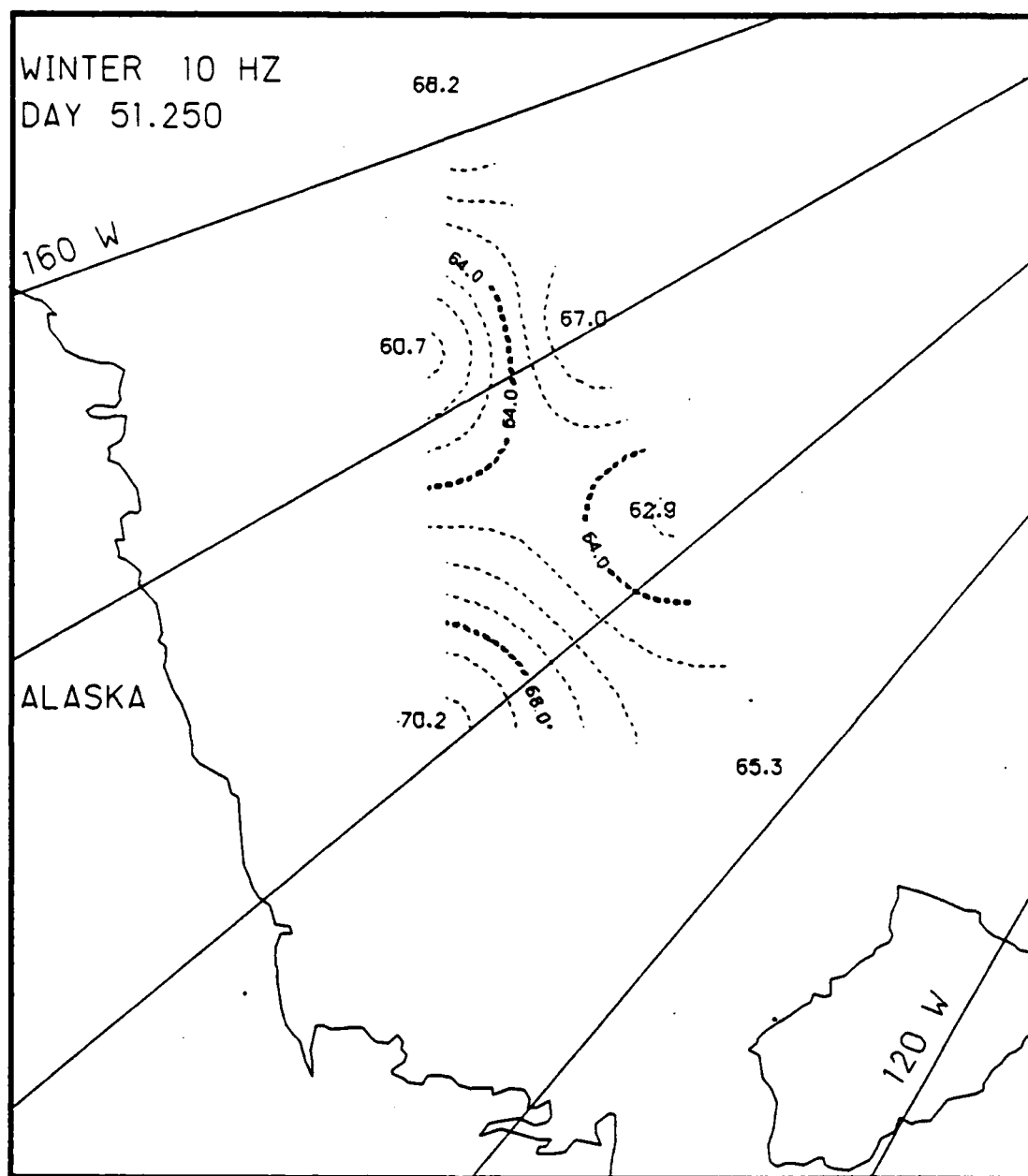


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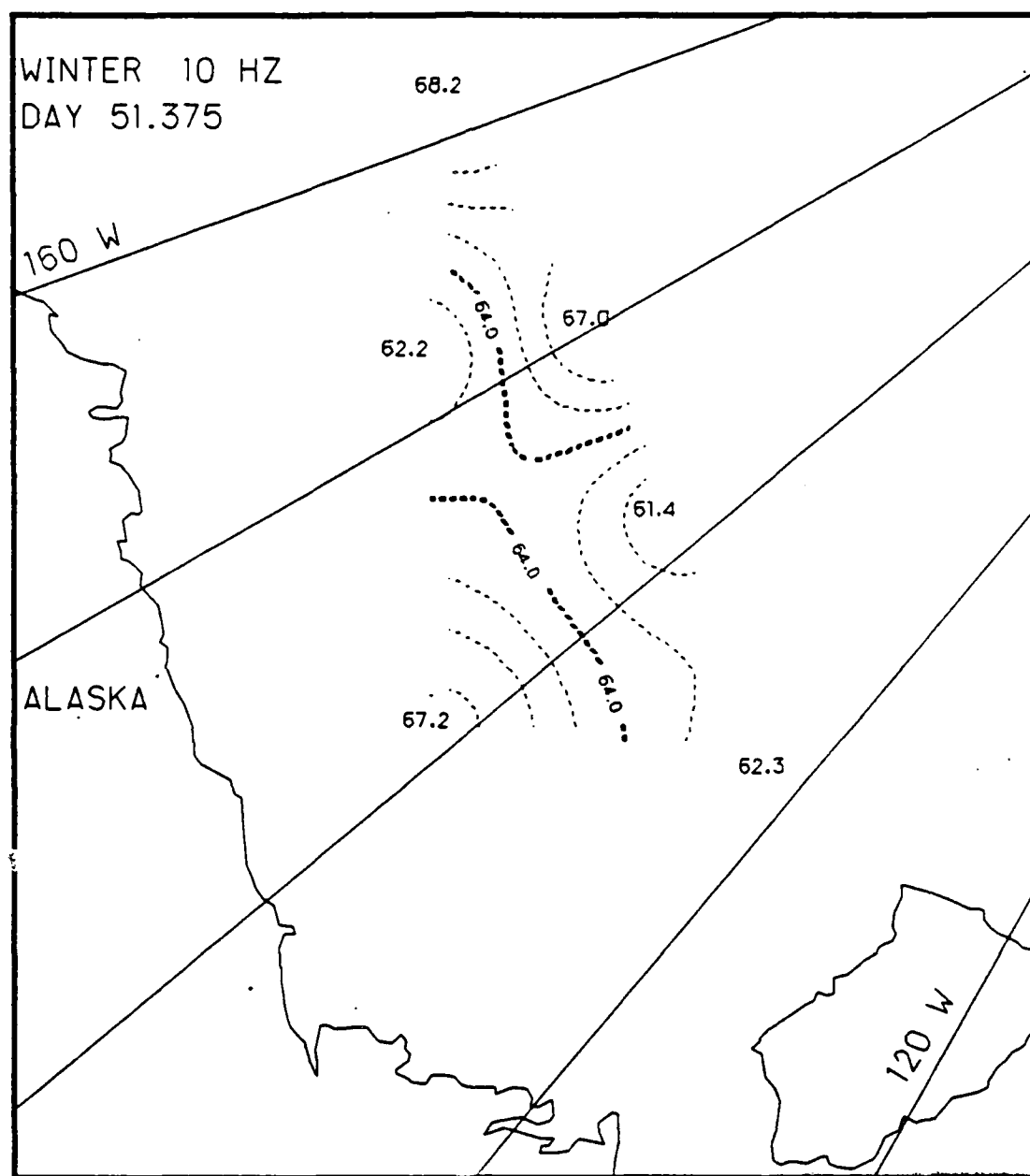


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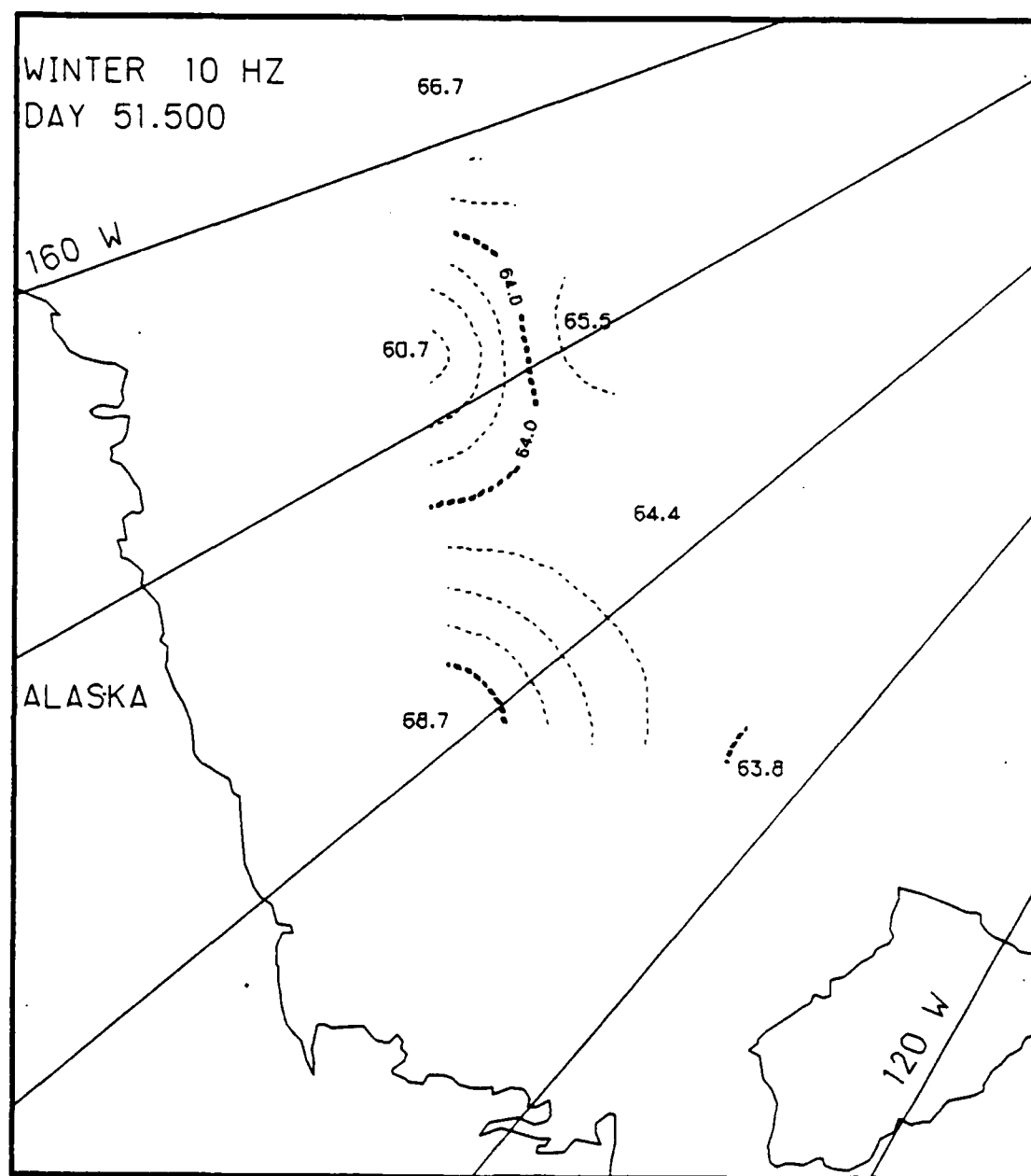


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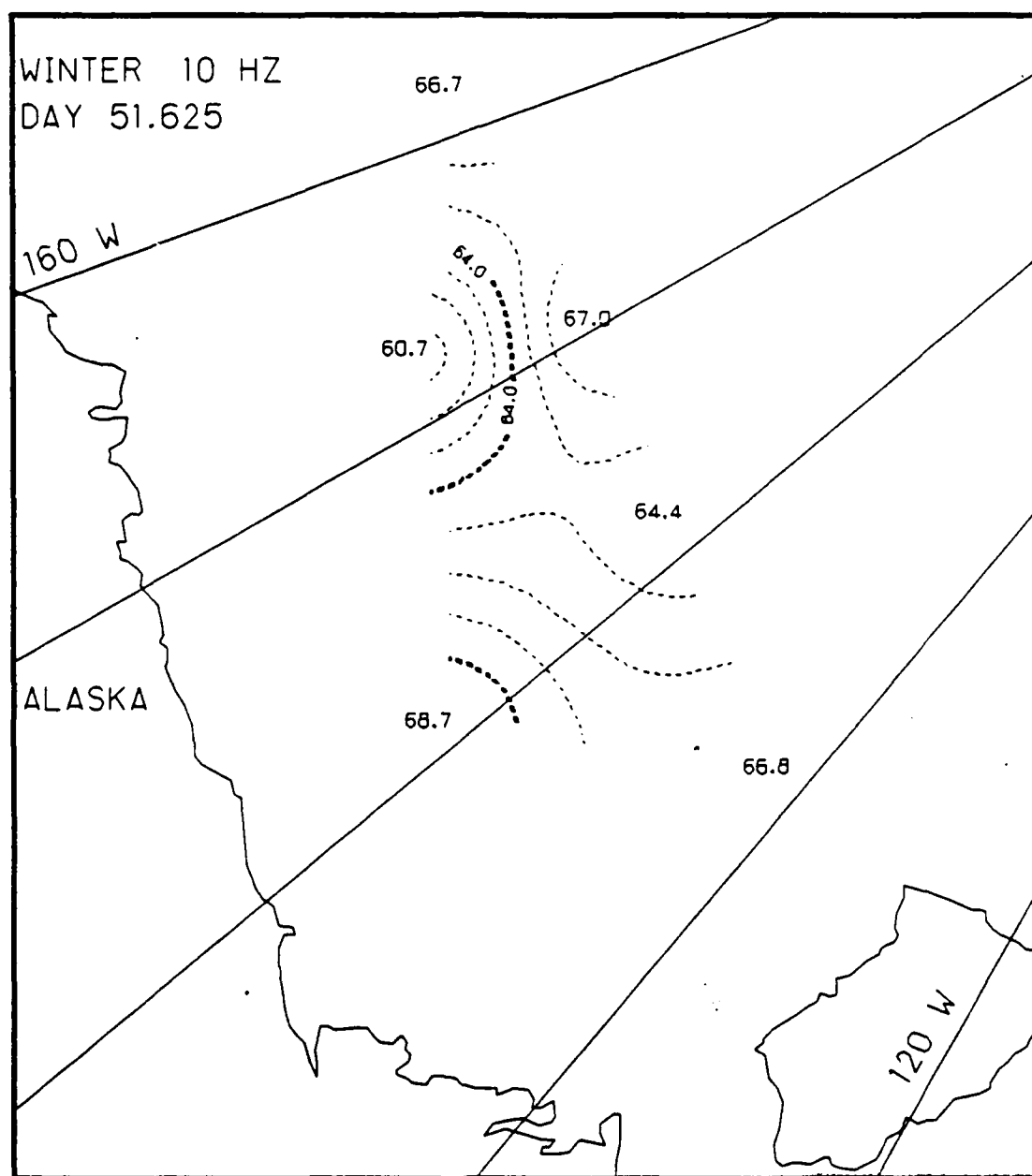


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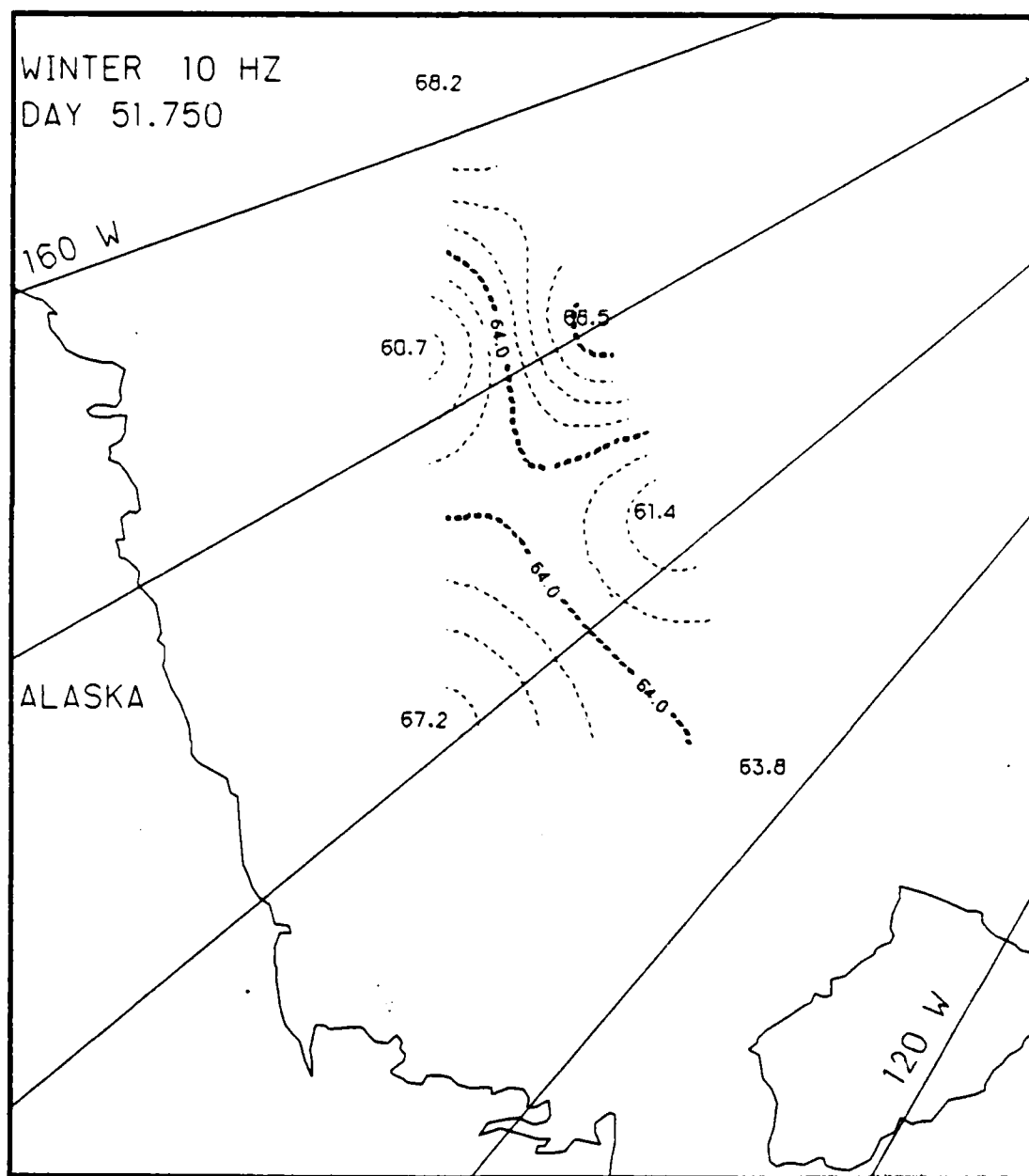


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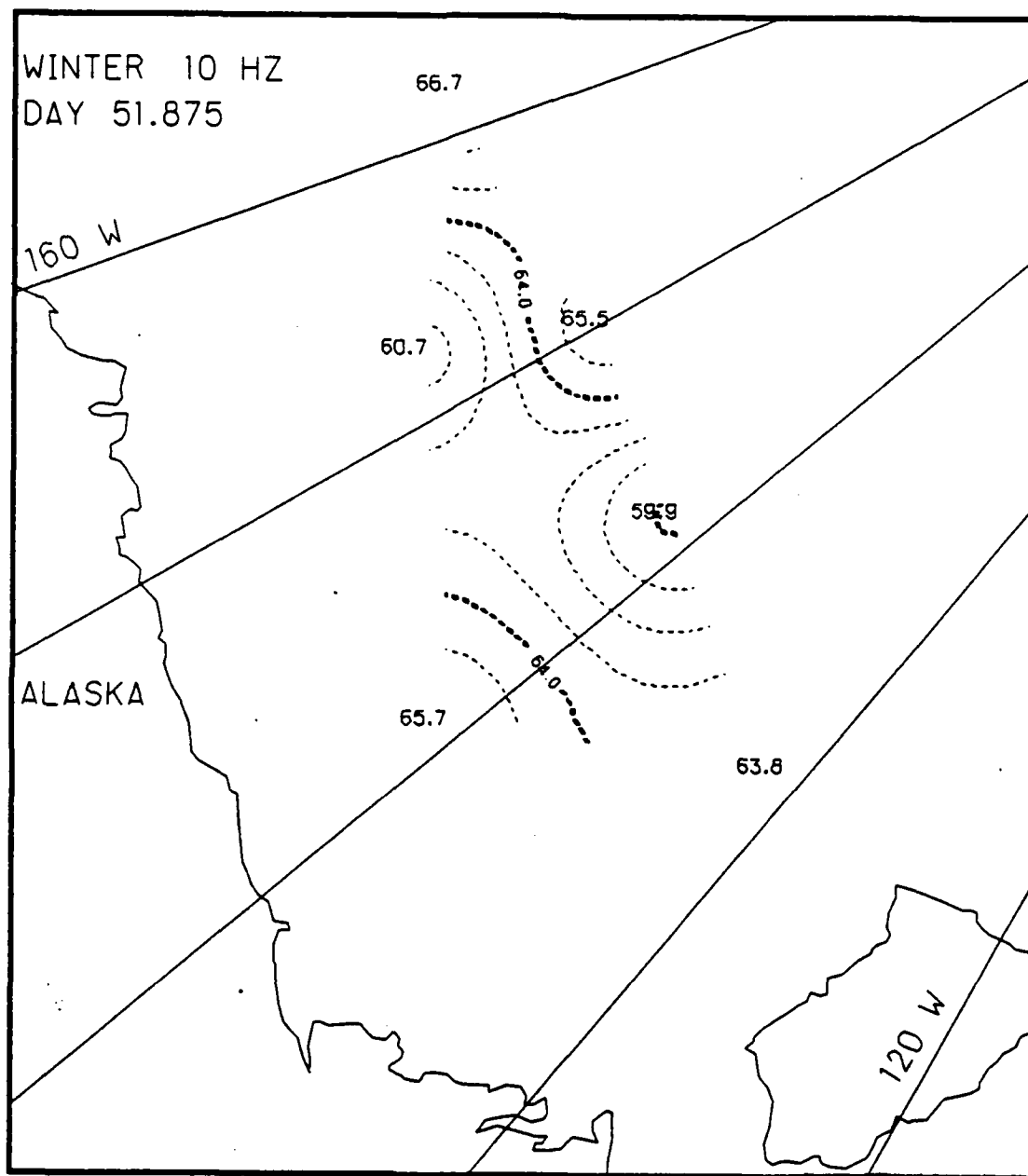


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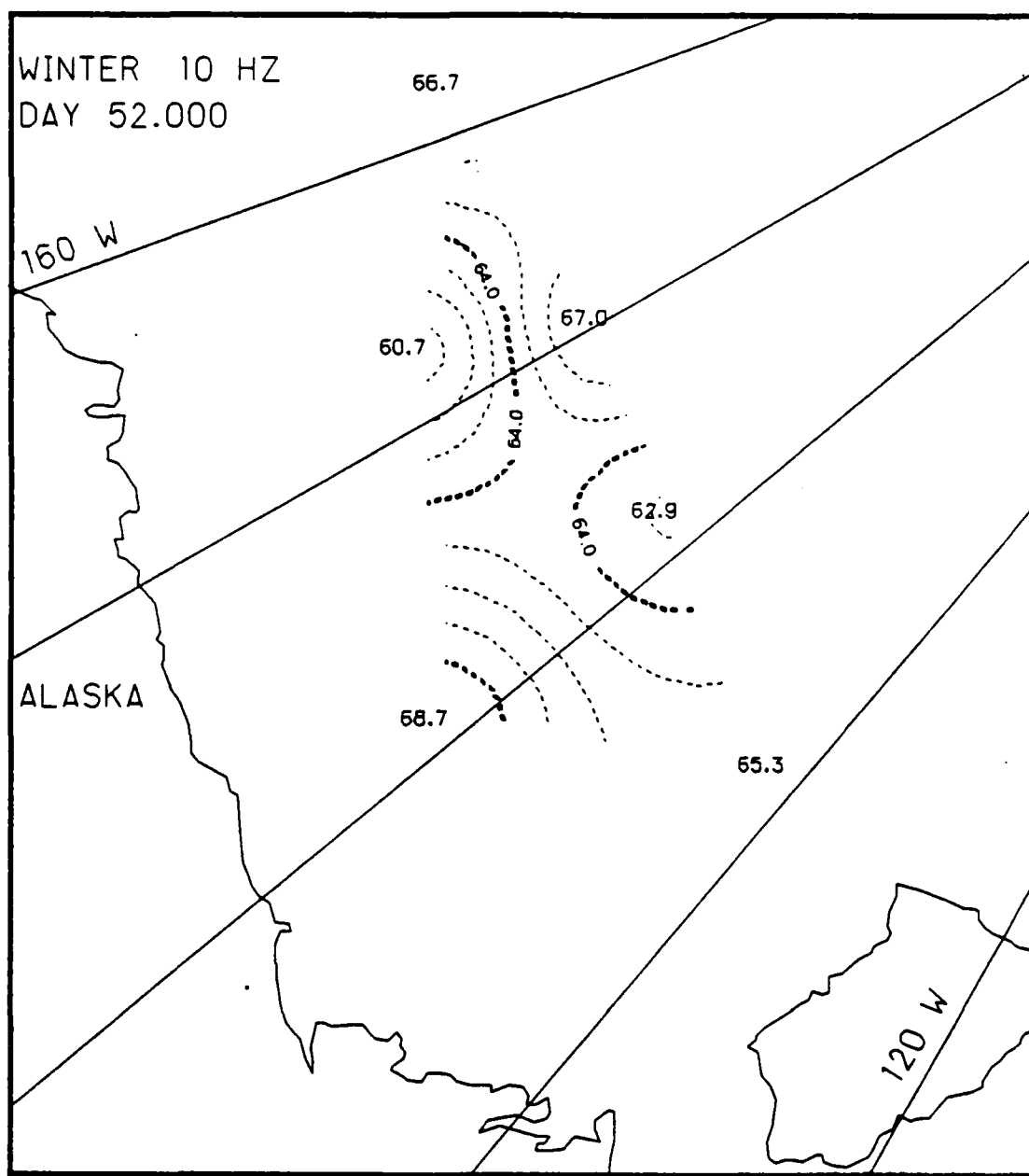


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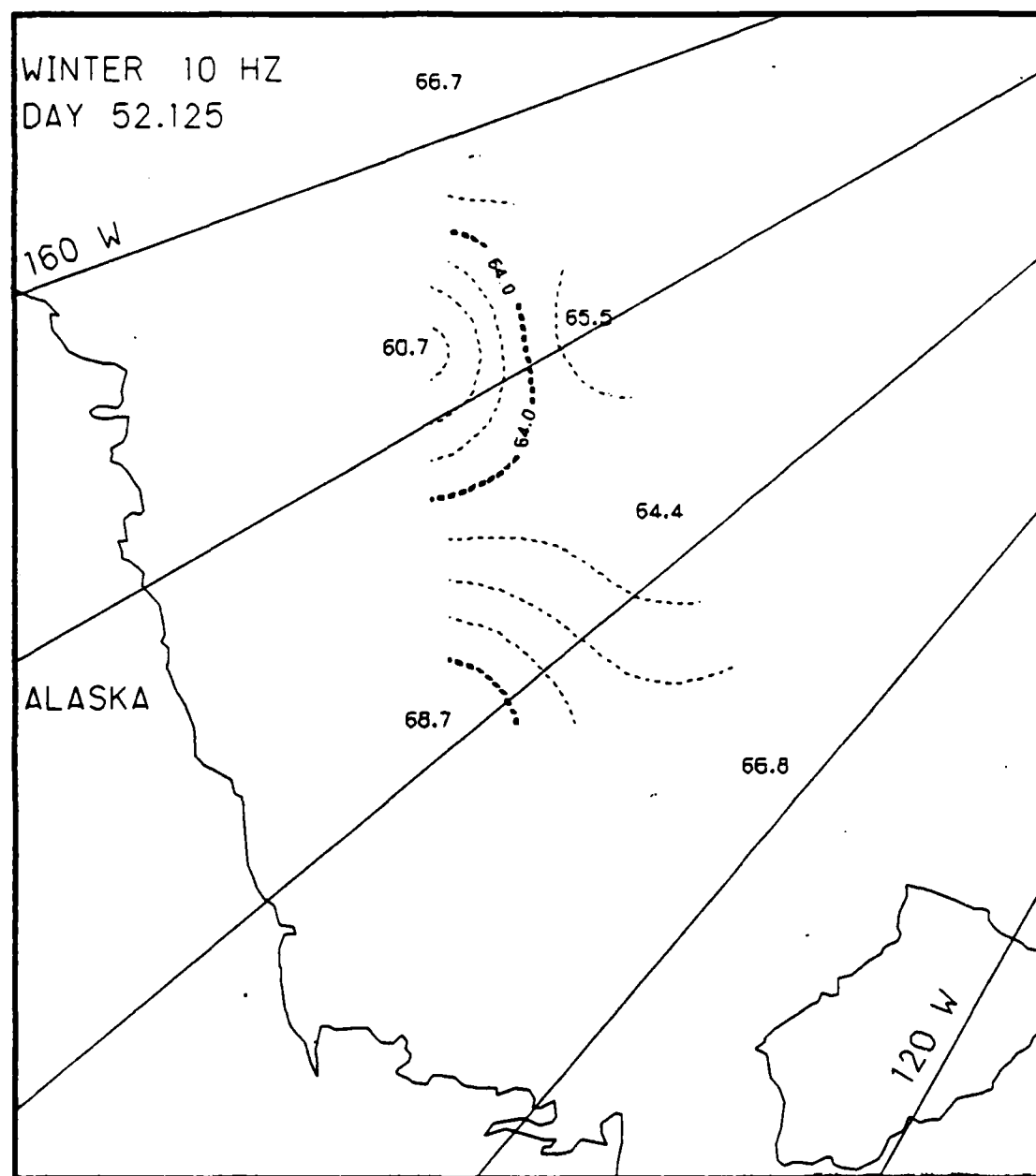


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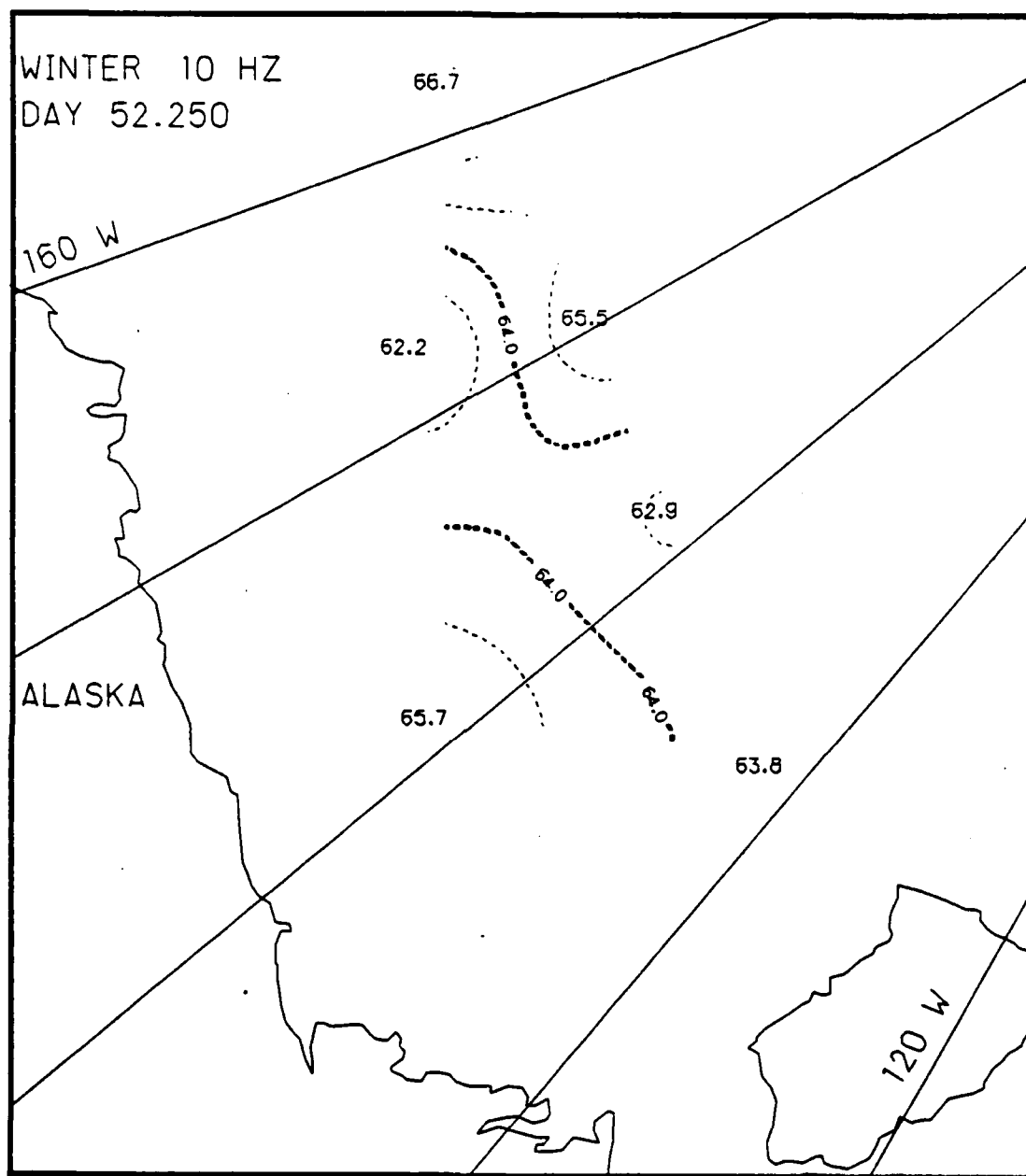


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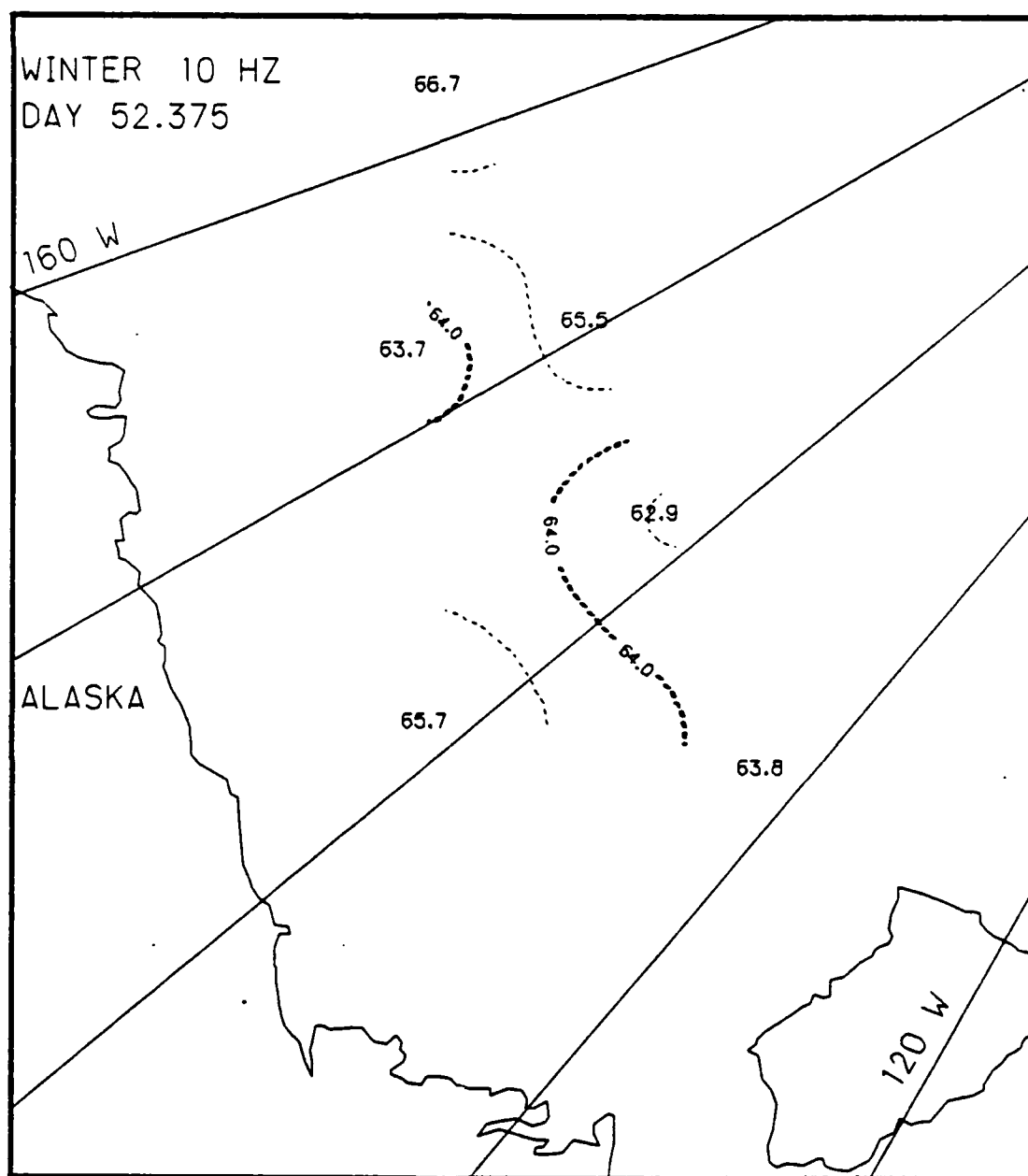


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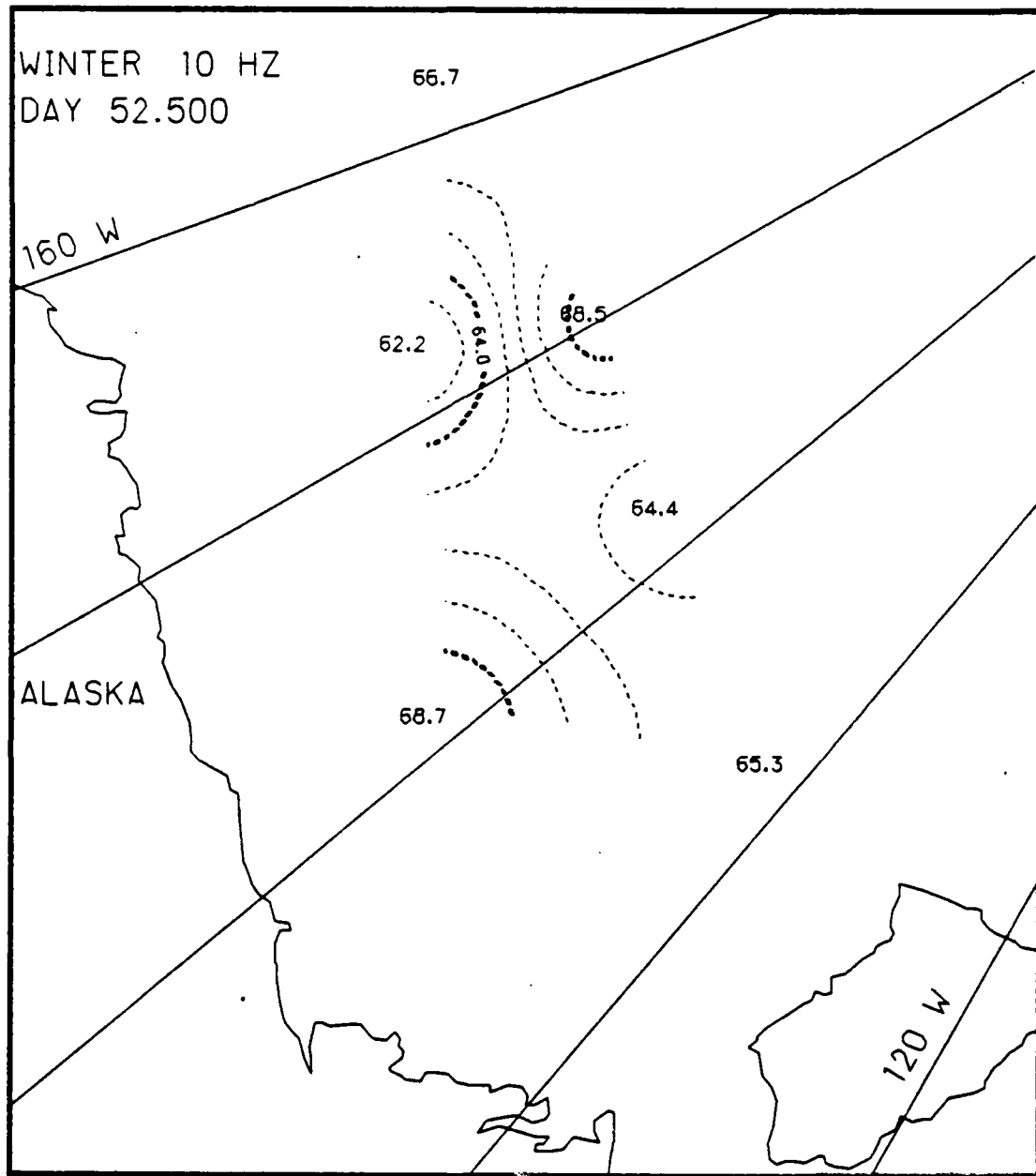


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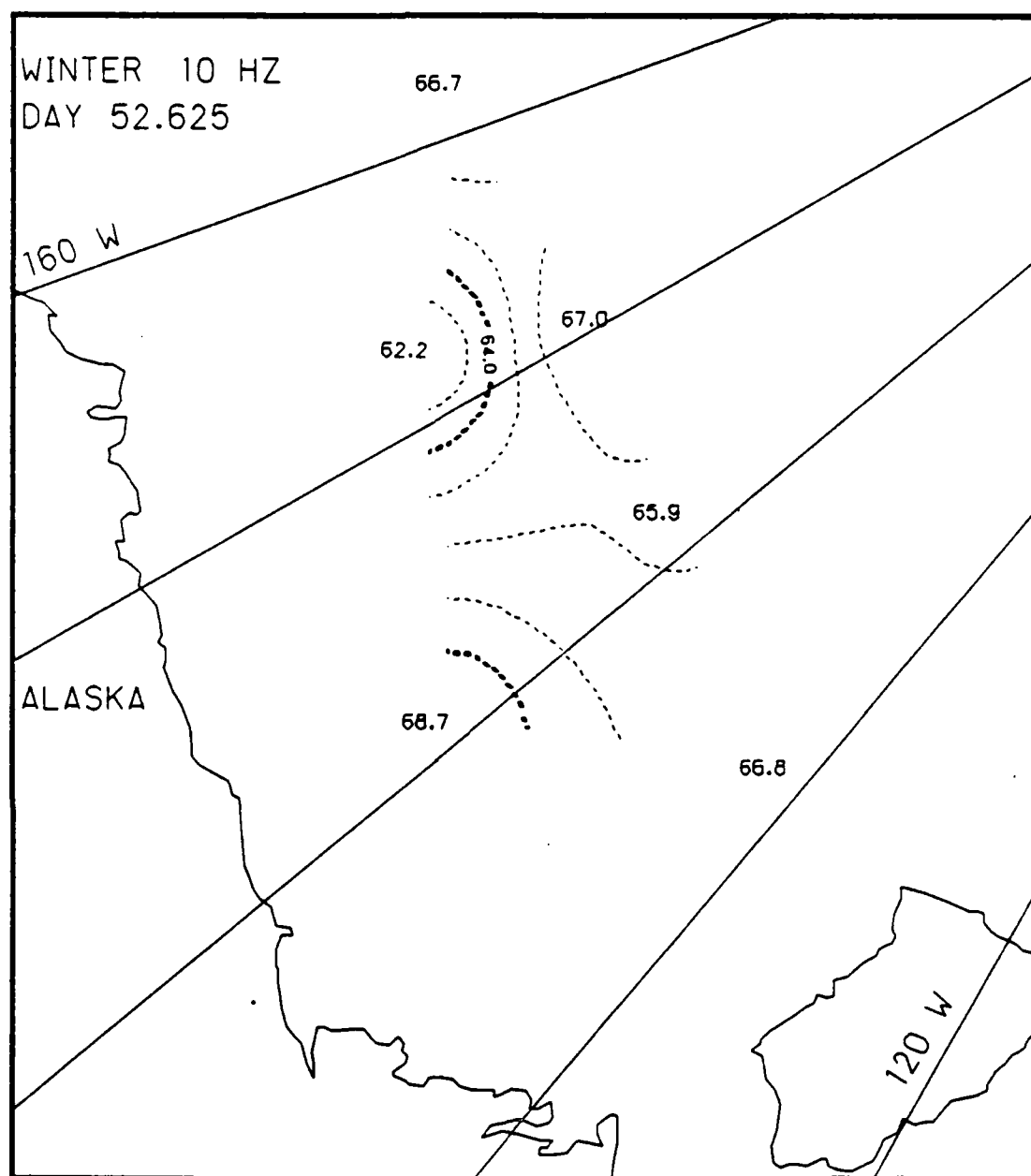


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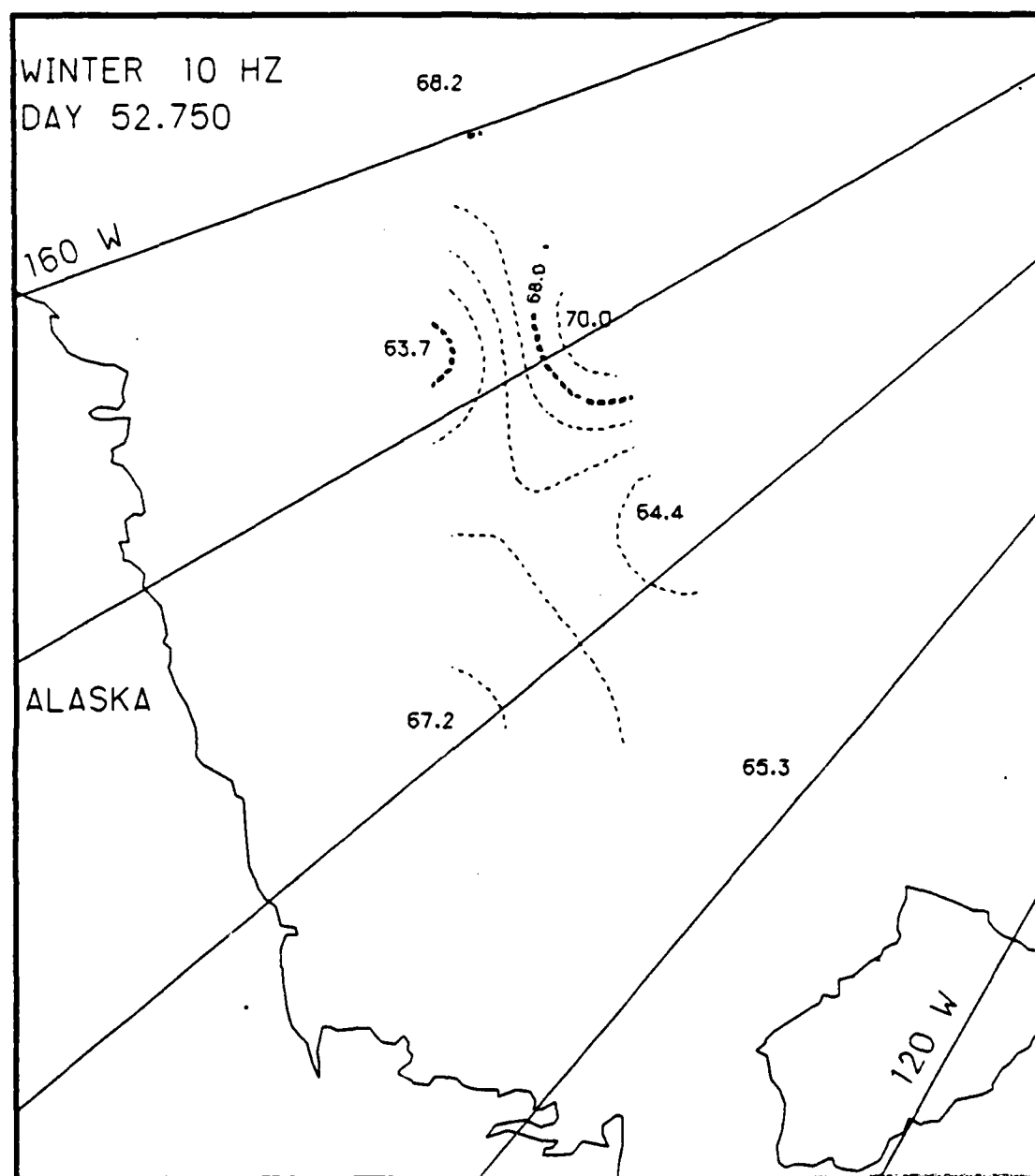


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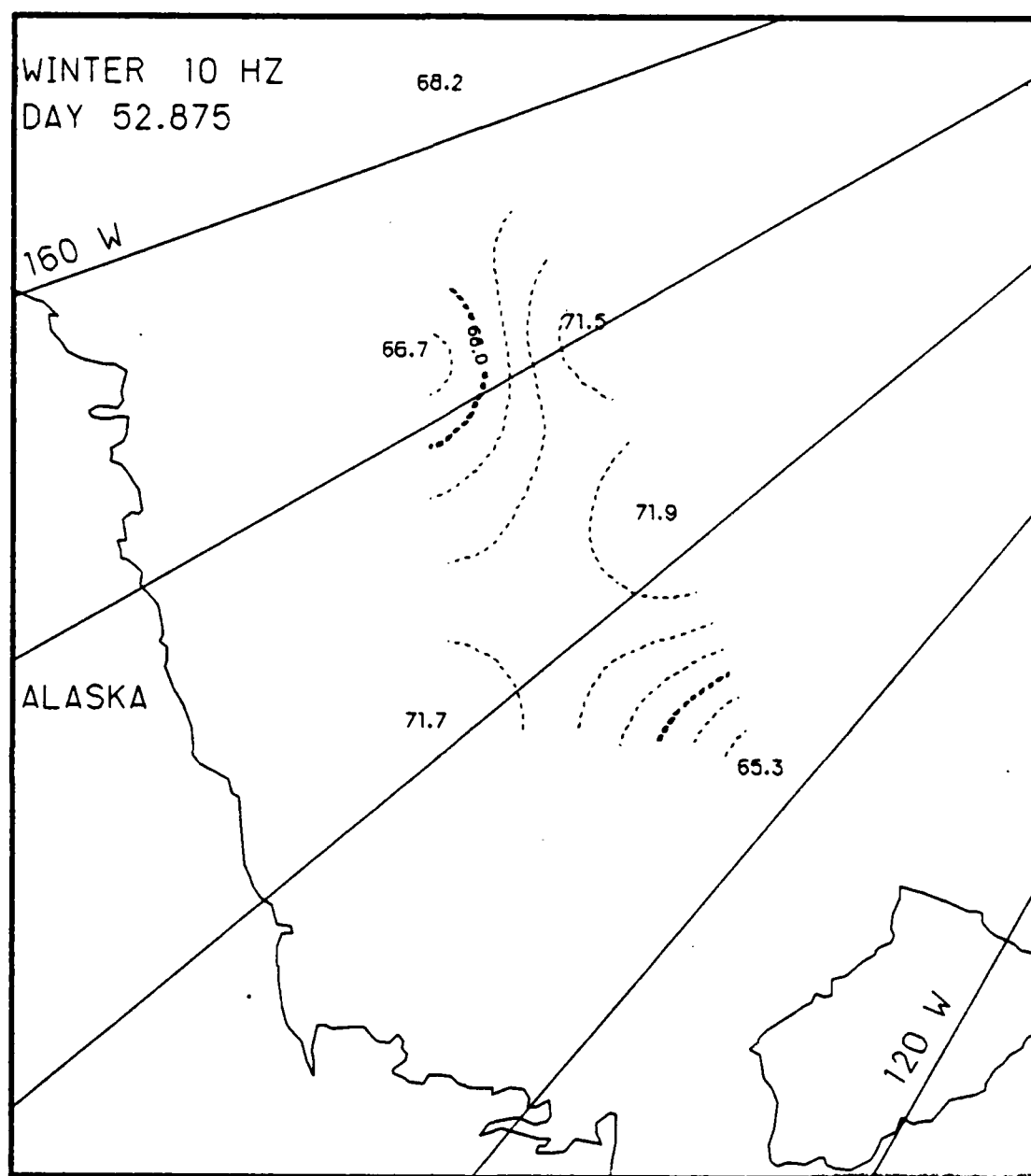


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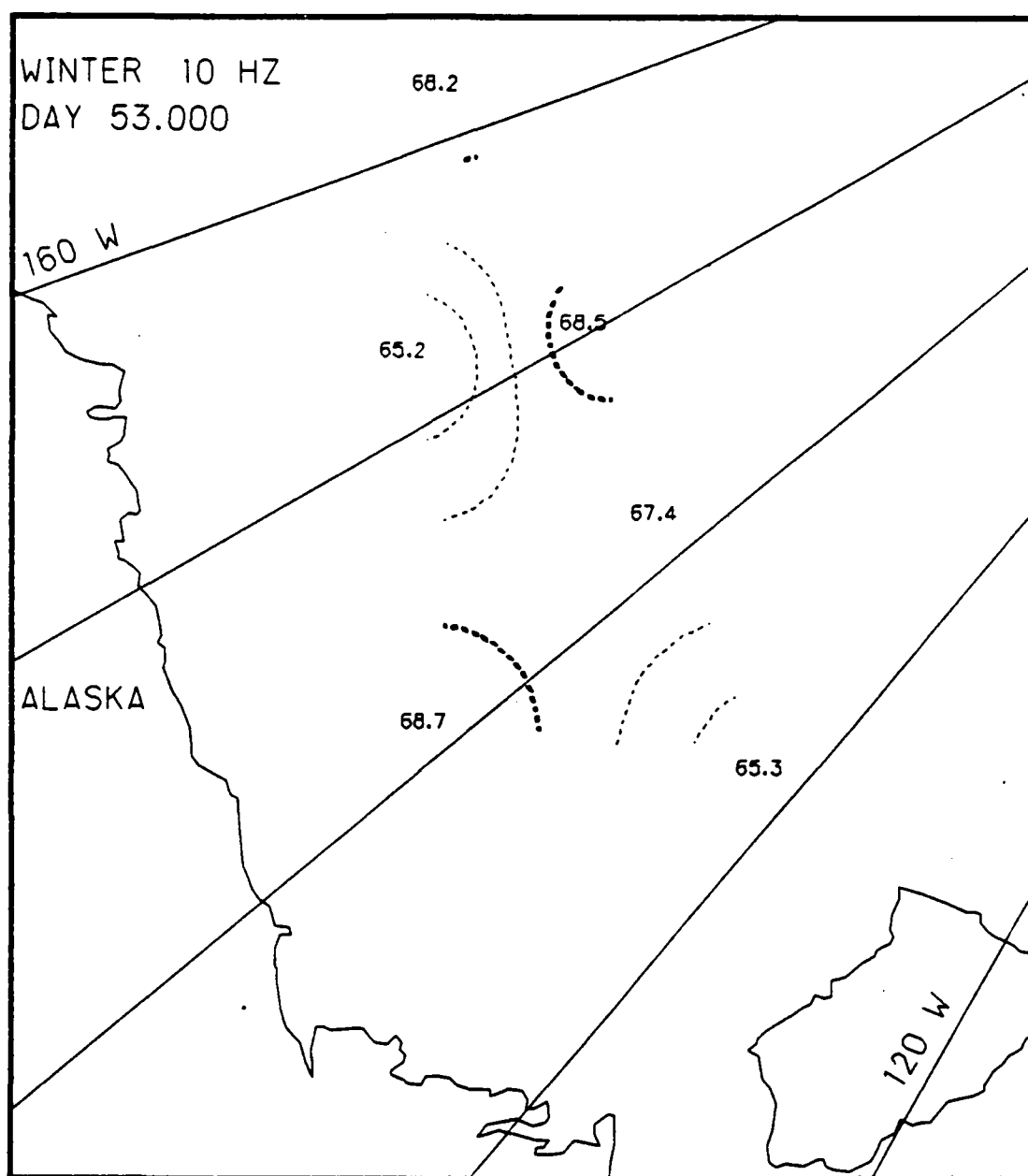


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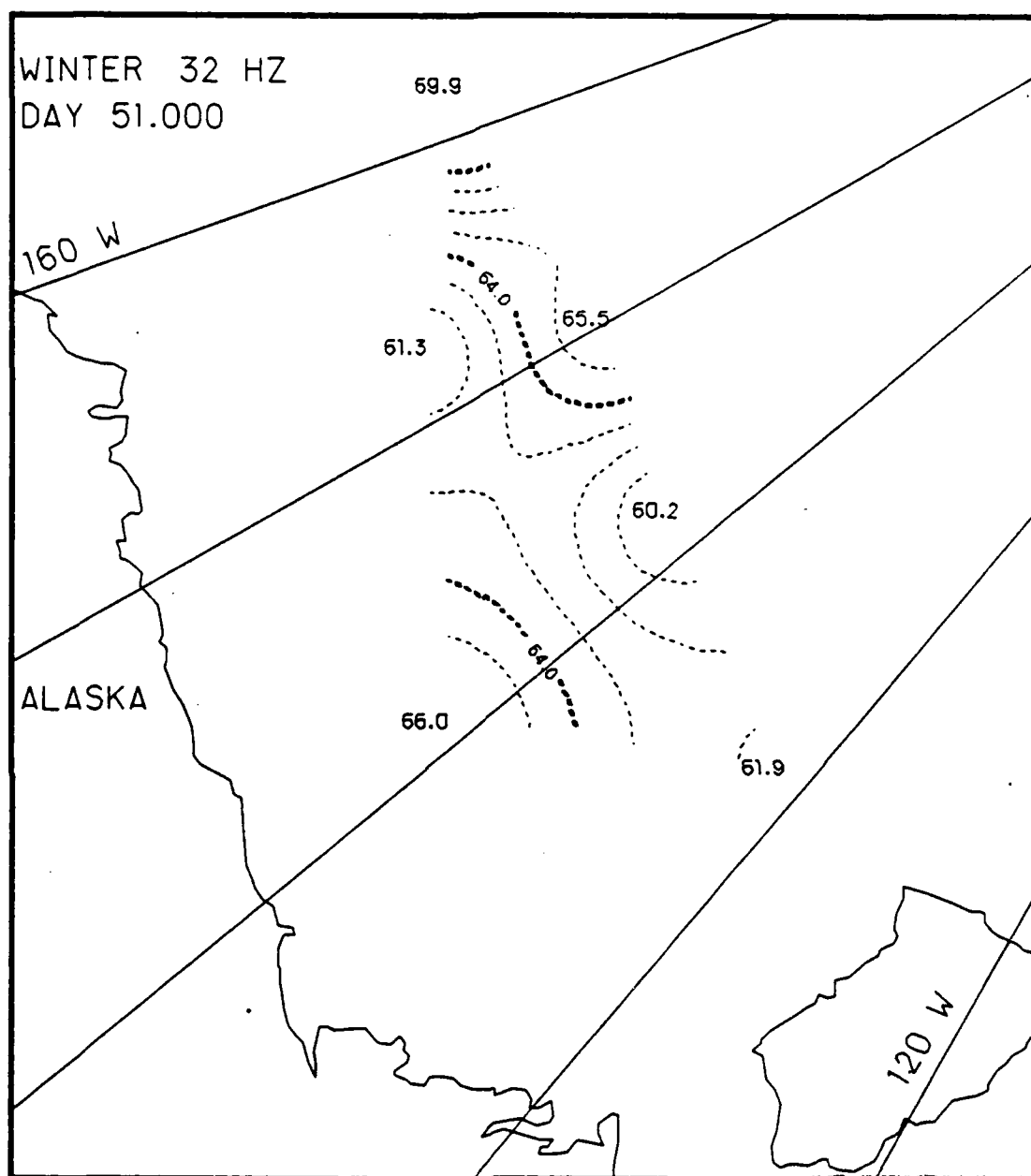


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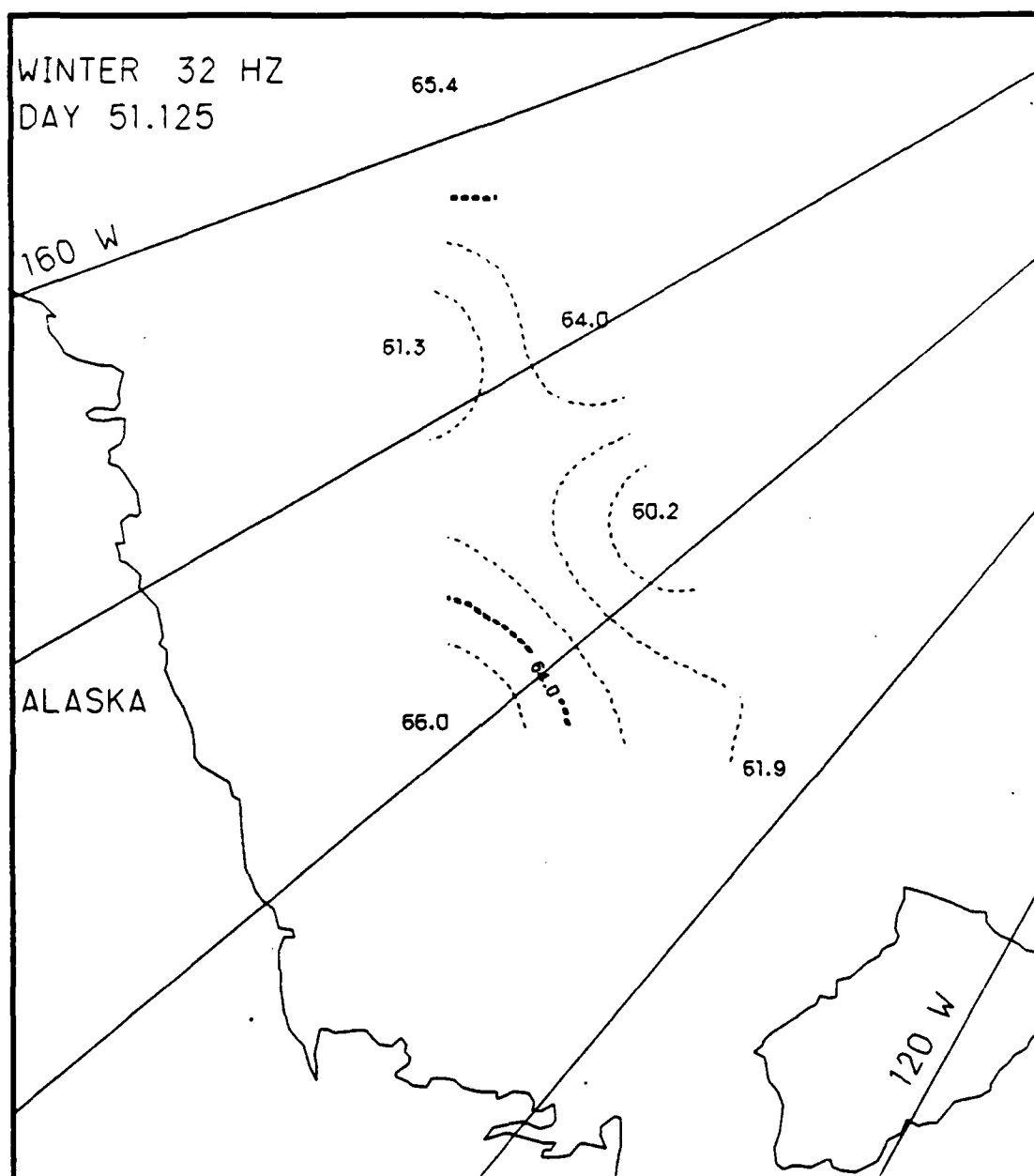


Fig. E.19. Spatial noise variations, day 51.125, based on the AIDJEX 32 Hz noise data.

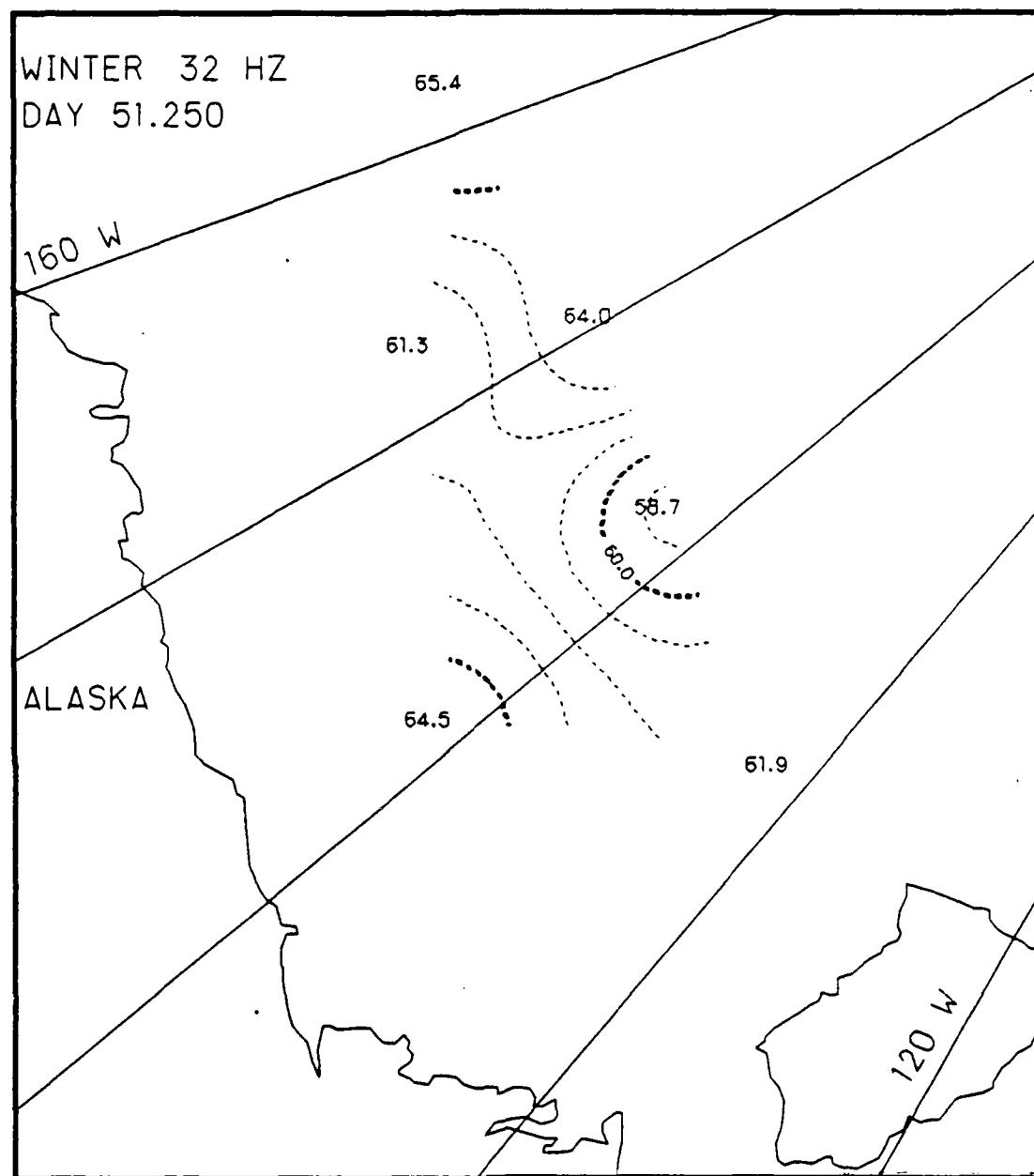


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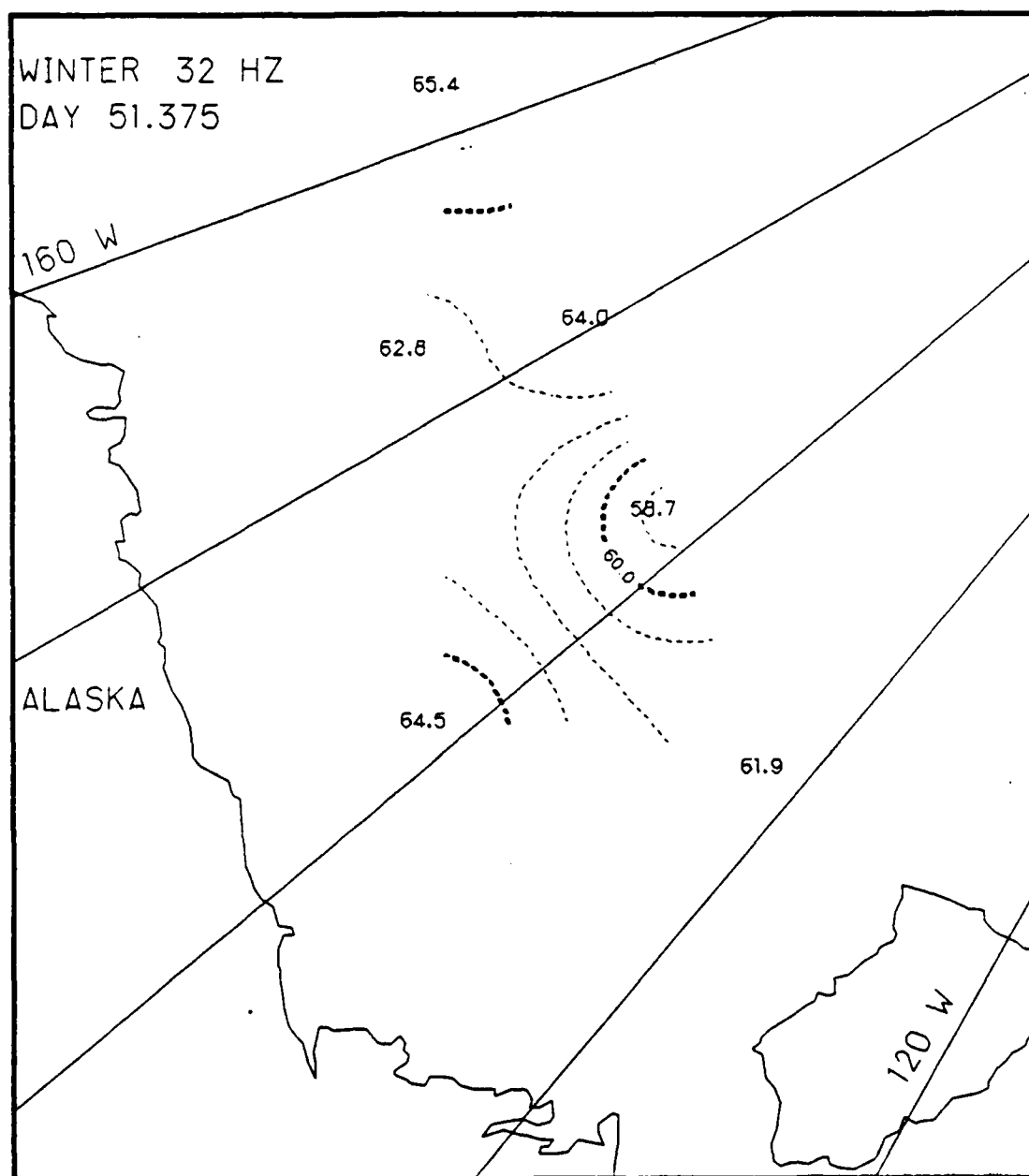


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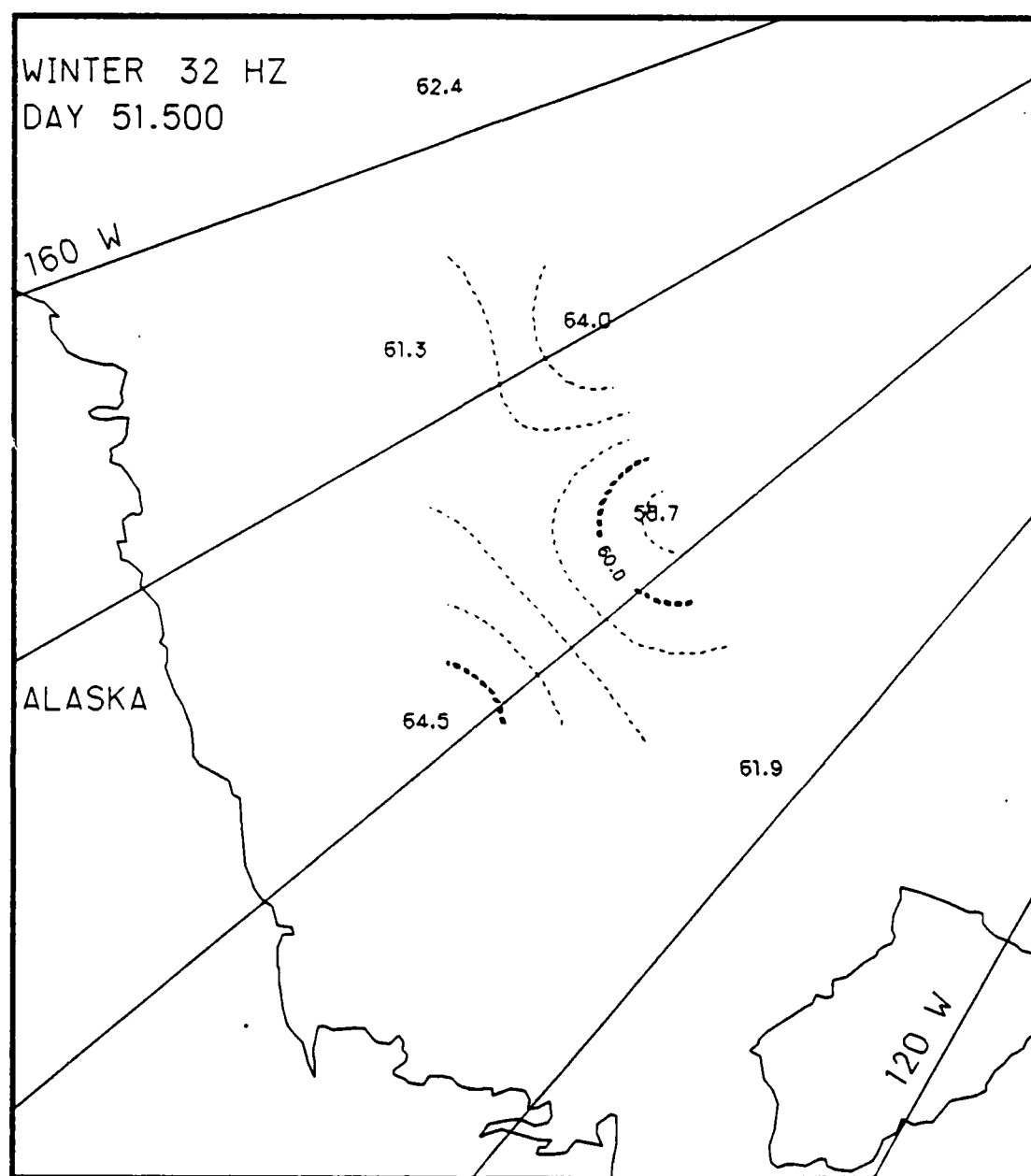


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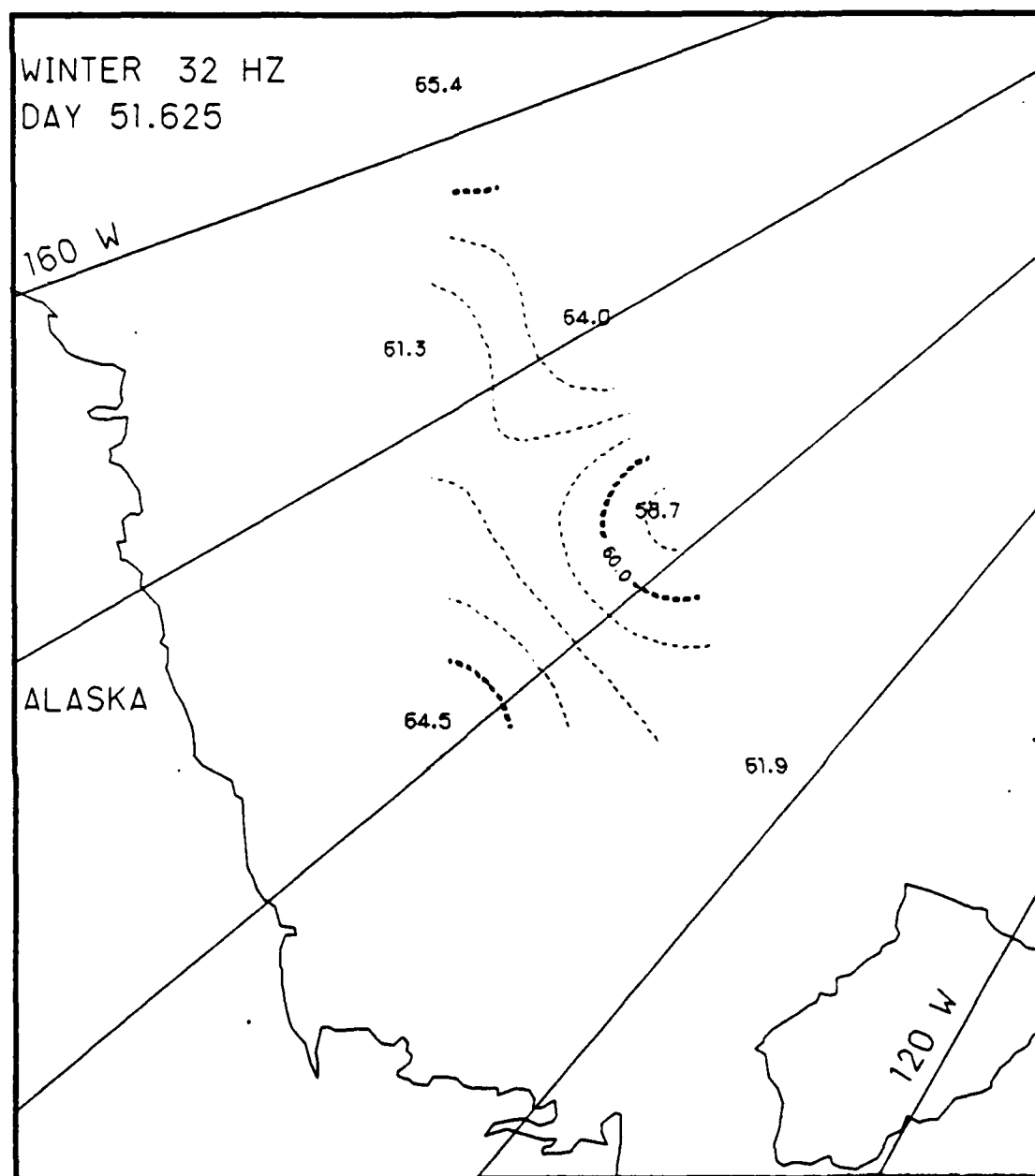


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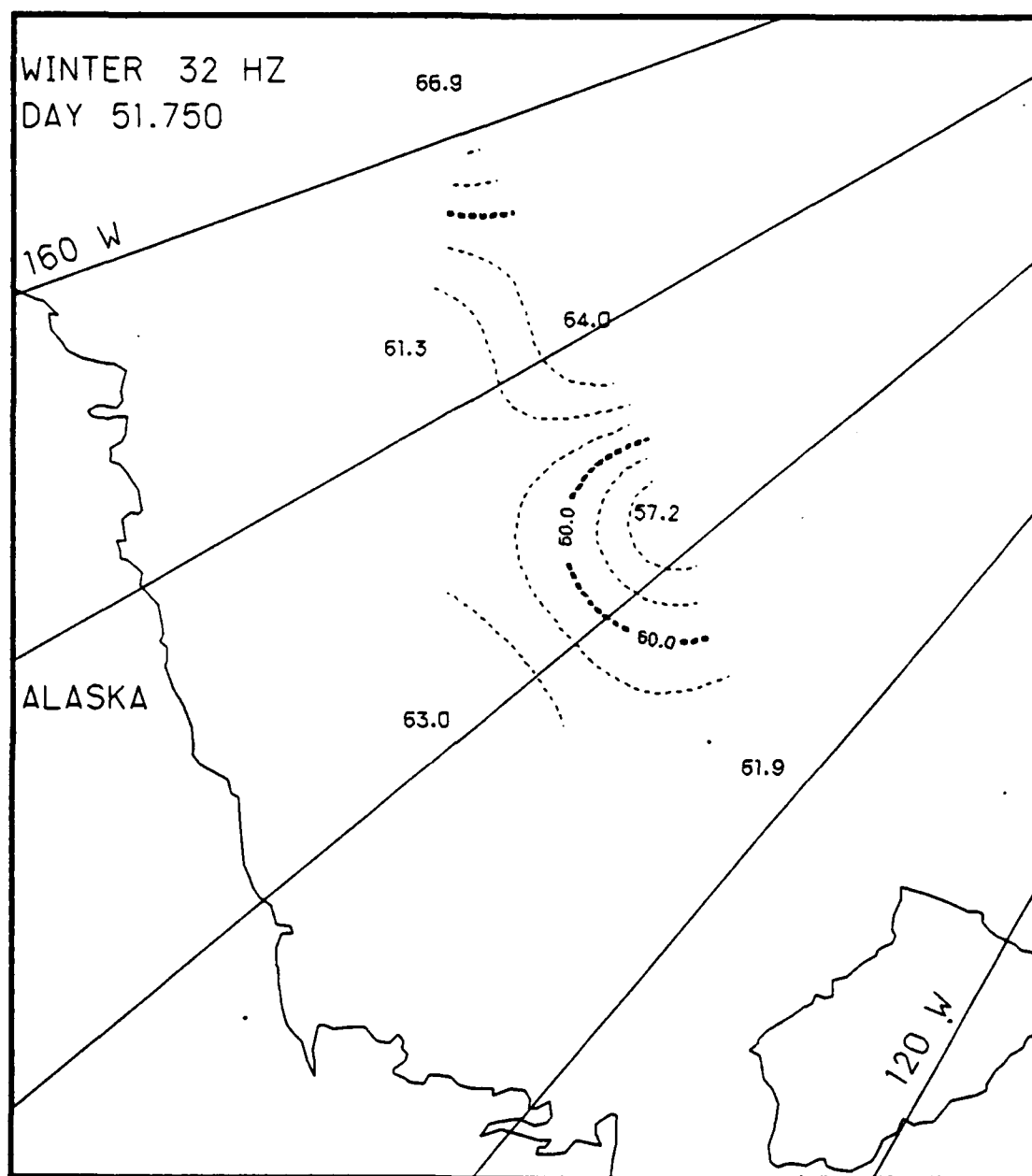


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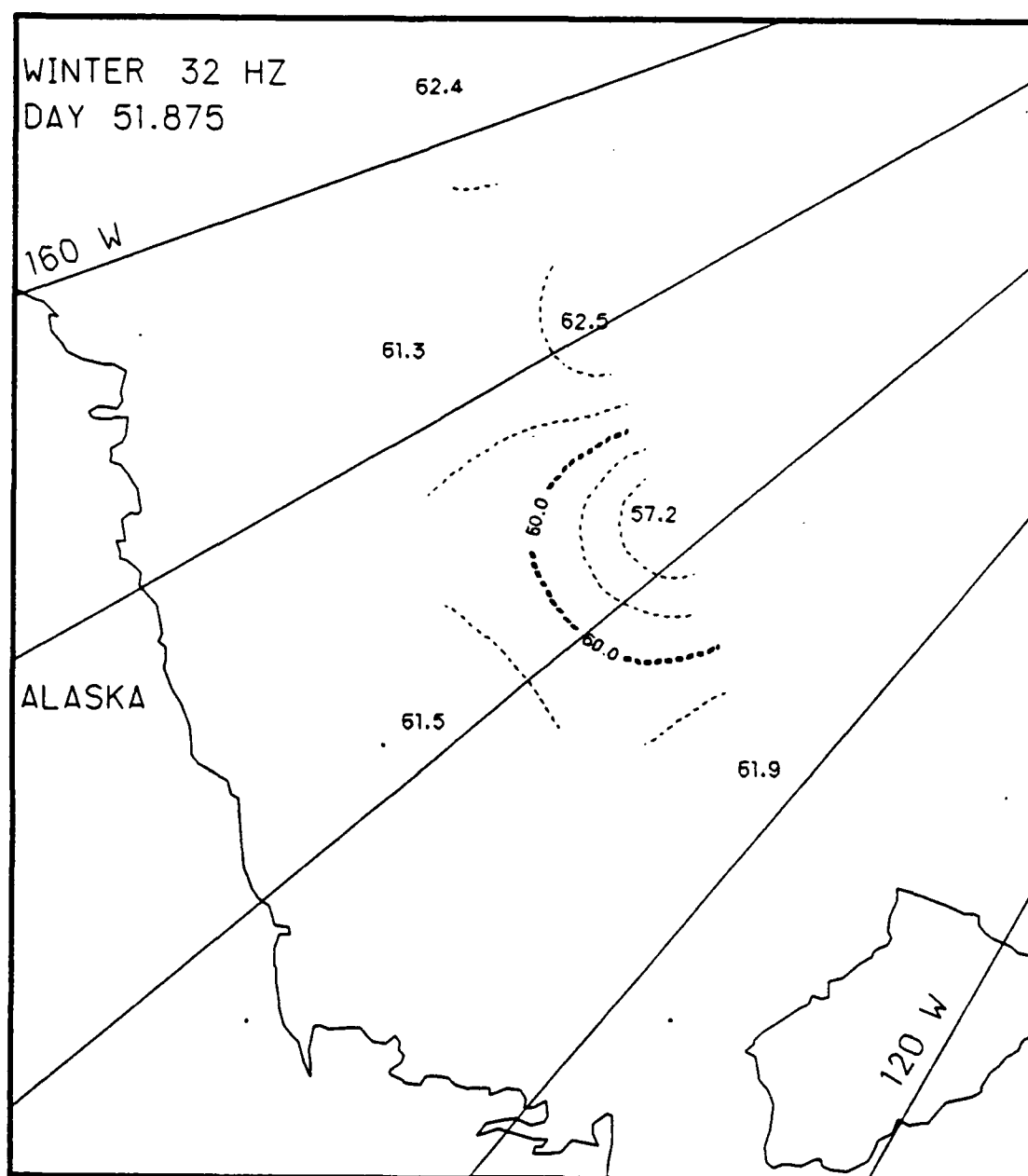


Fig. E.25. Spatial noise variations, day 51.875, based on the AIDJEX 32 Hz noise data.

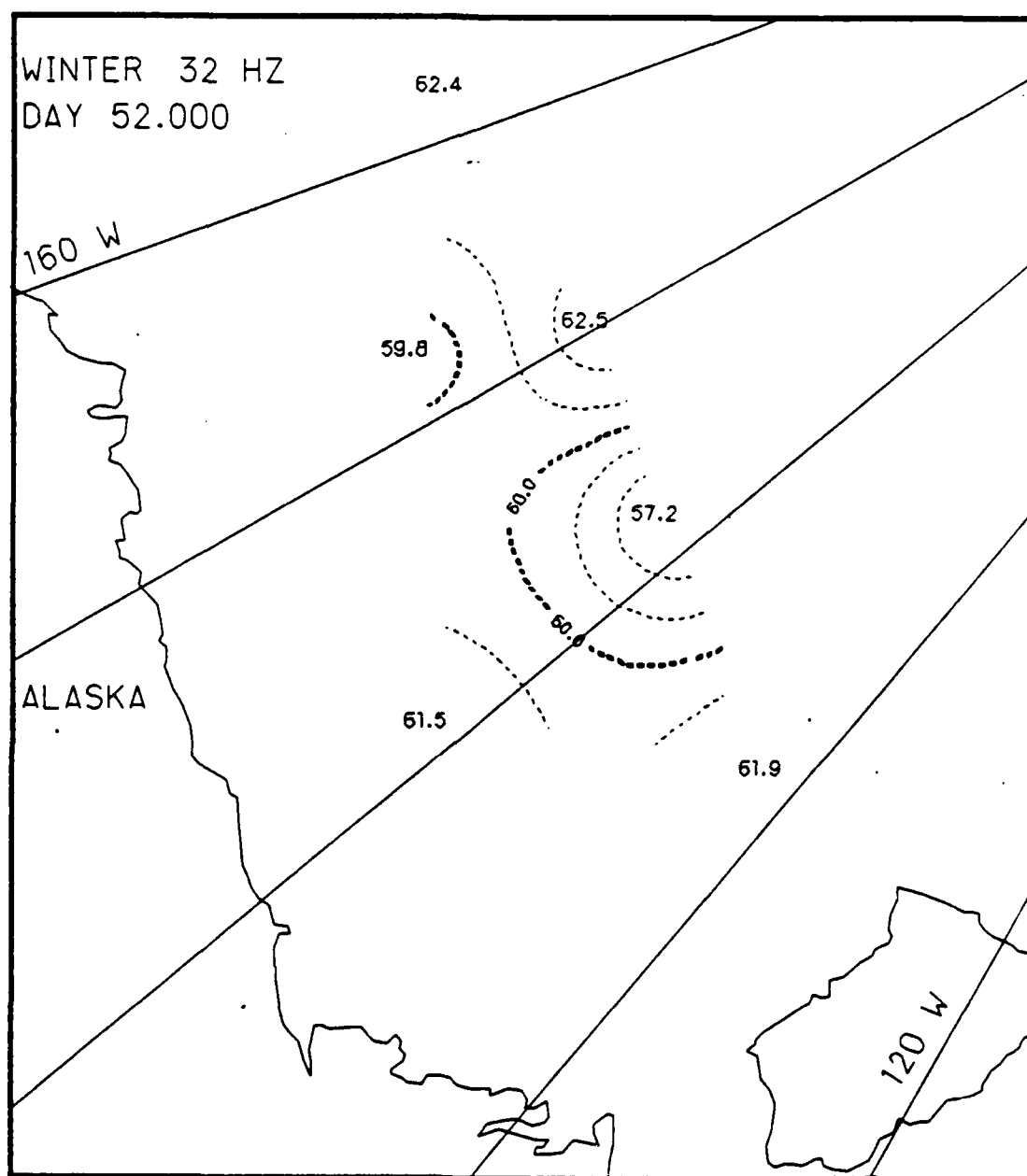


Fig. E.26. Spatial noise variations, day 52.0, based on the AIDJEX 32 Hz noise data.

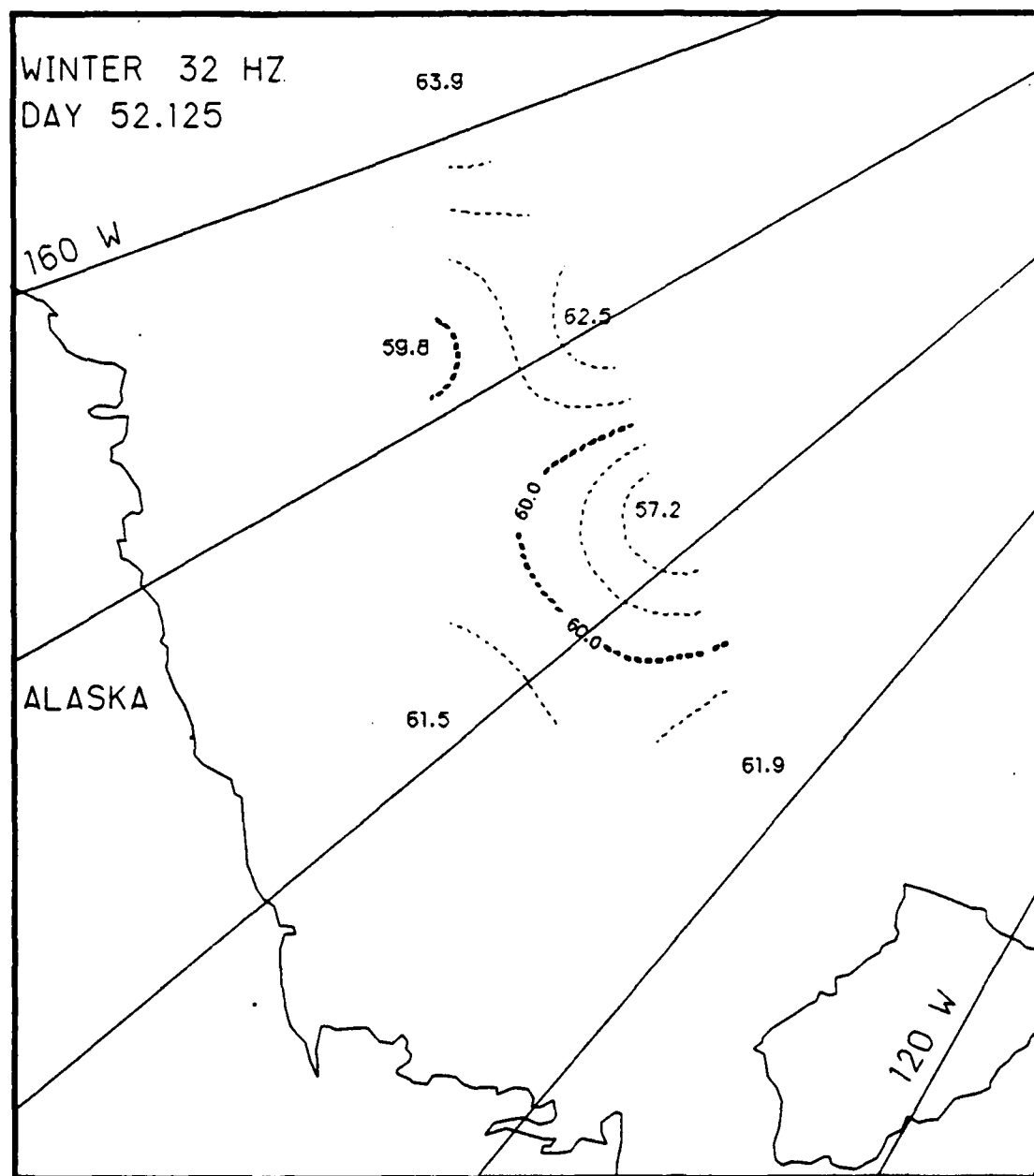


Fig. E.27. Spatial noise variations, day 52.125, based on the AIDJEX 32 Hz noise data.

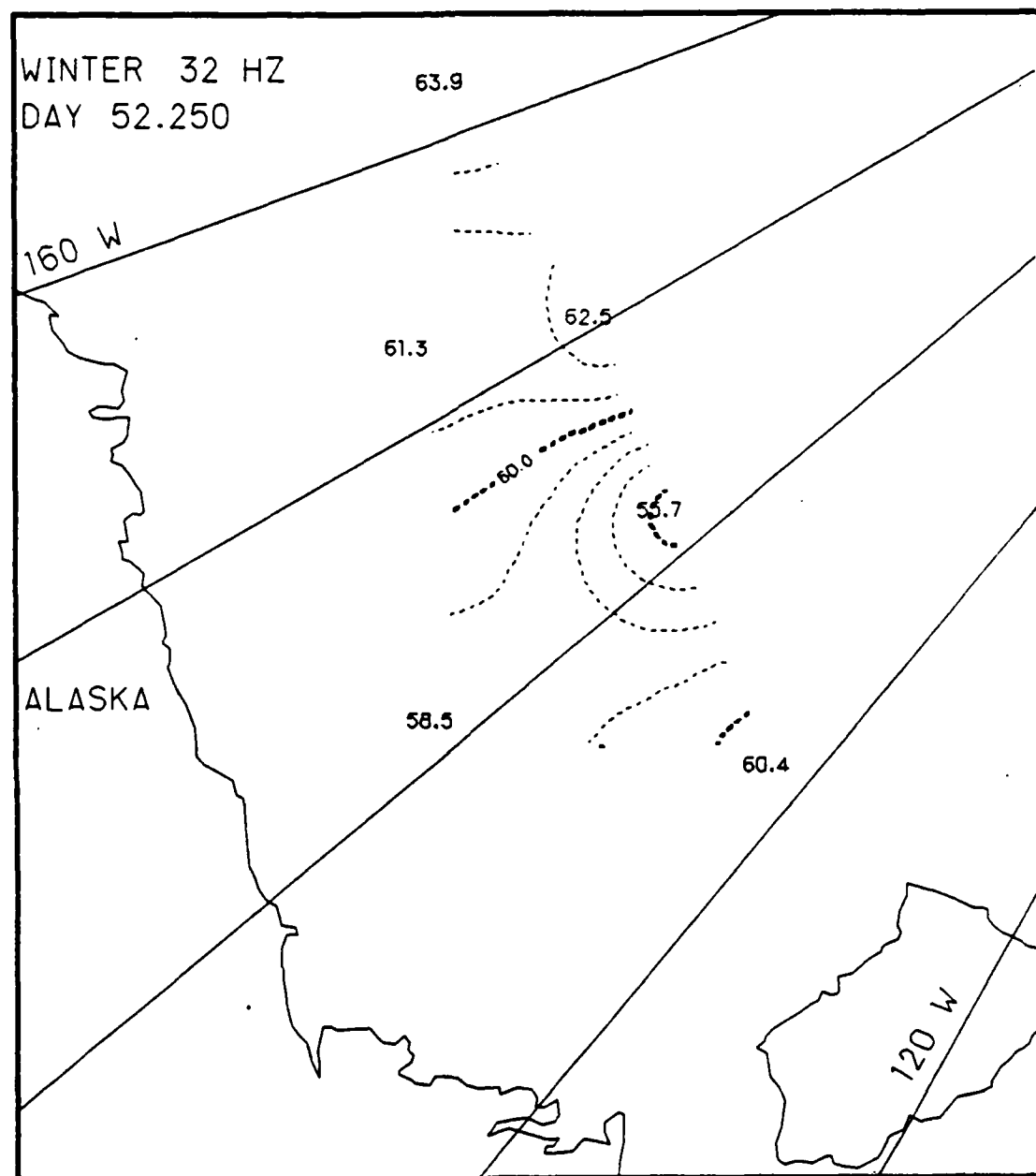


Fig. E.28. Spatial noise variations, day 52.25, based on the AIDJEX 32 Hz noise data.

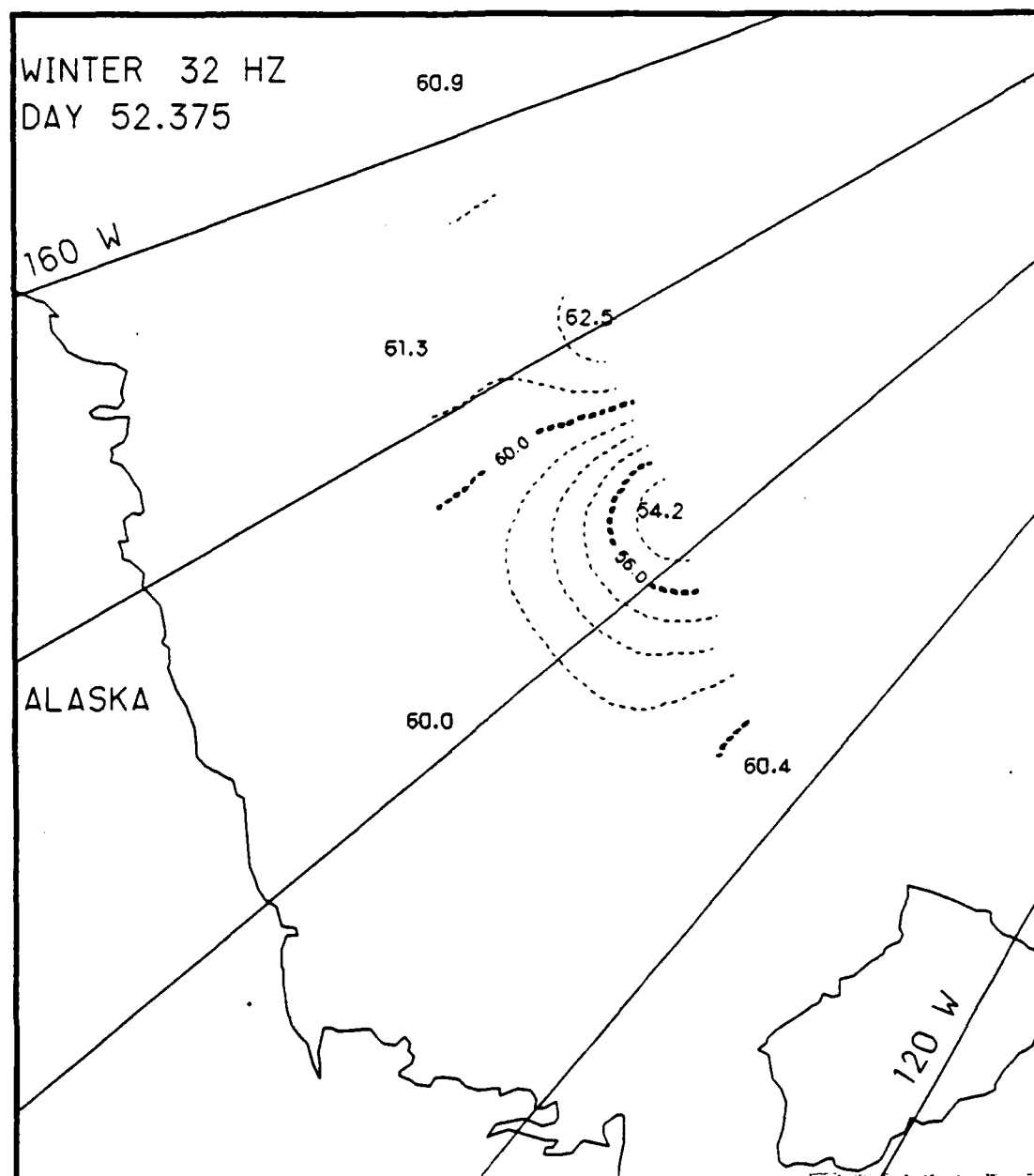


Fig. E.29. Spatial noise variations, day 52.375, based on the AIDJEX 32 Hz noise data.

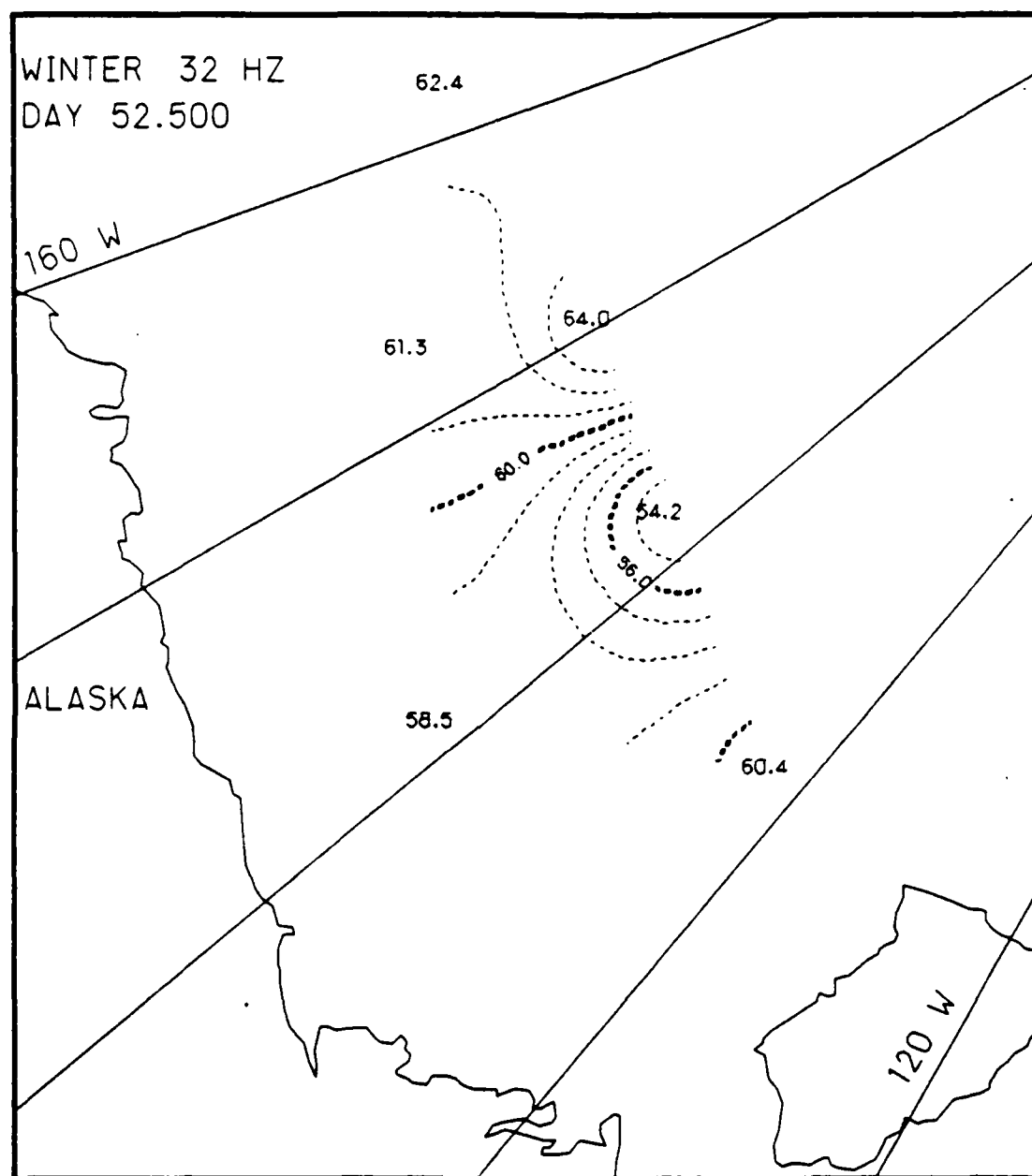


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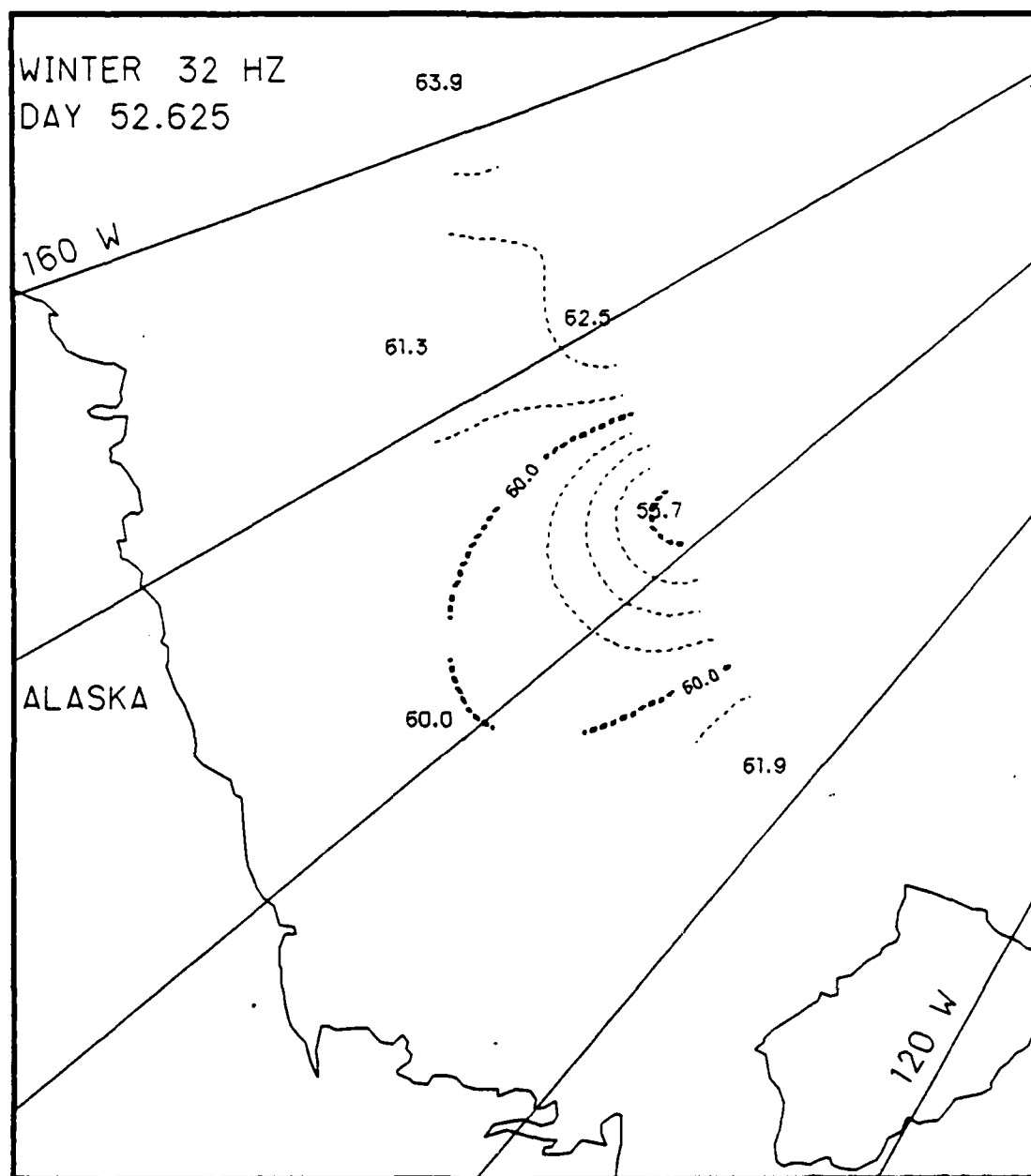


Fig. E.31. Spatial noise variations, day 52.625, based on the AIDJEX 32 Hz noise data.

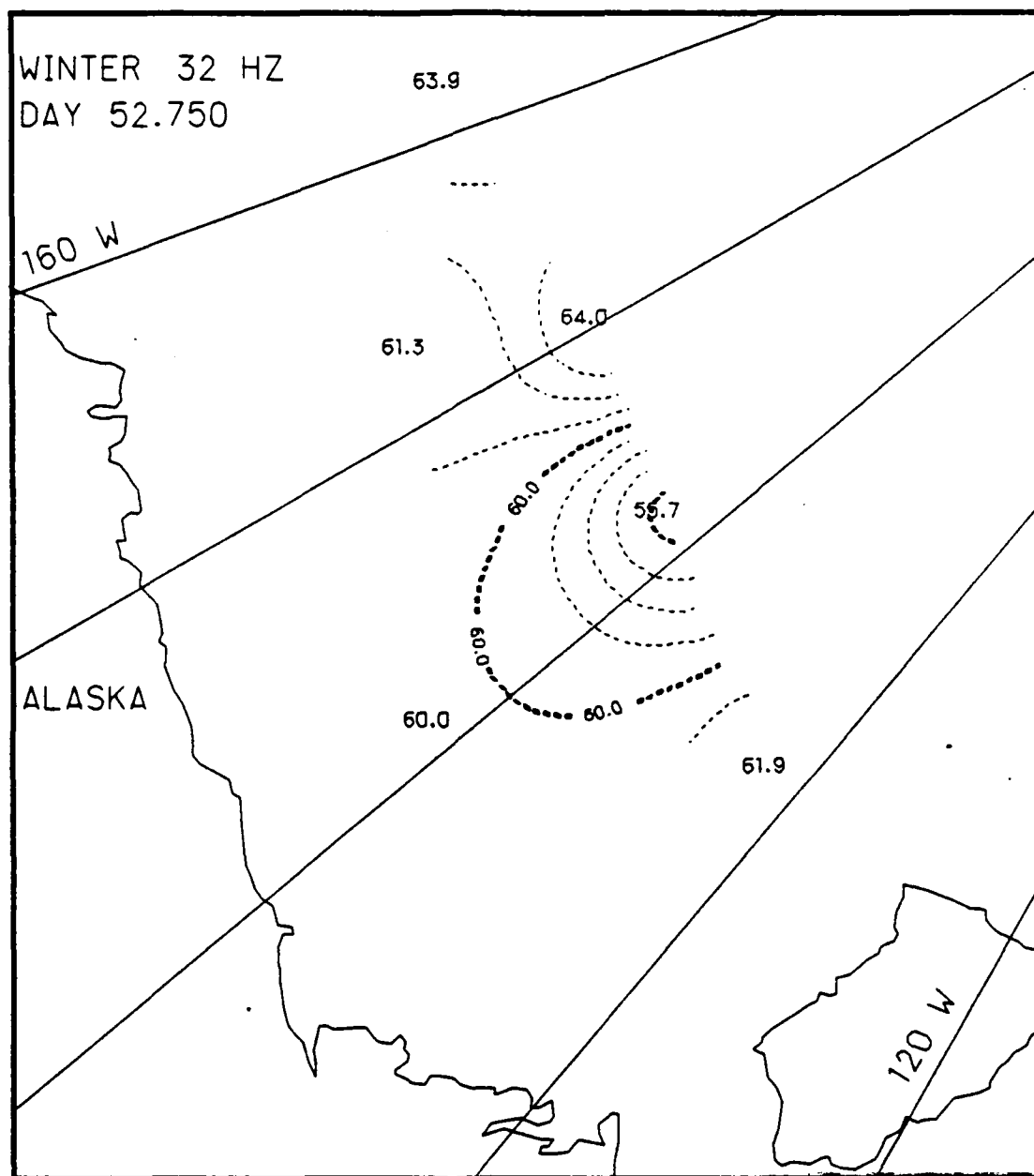


Fig. E.32. Spatial noise variations, day 52.75, based on the AIDJEX 32 Hz noise data.

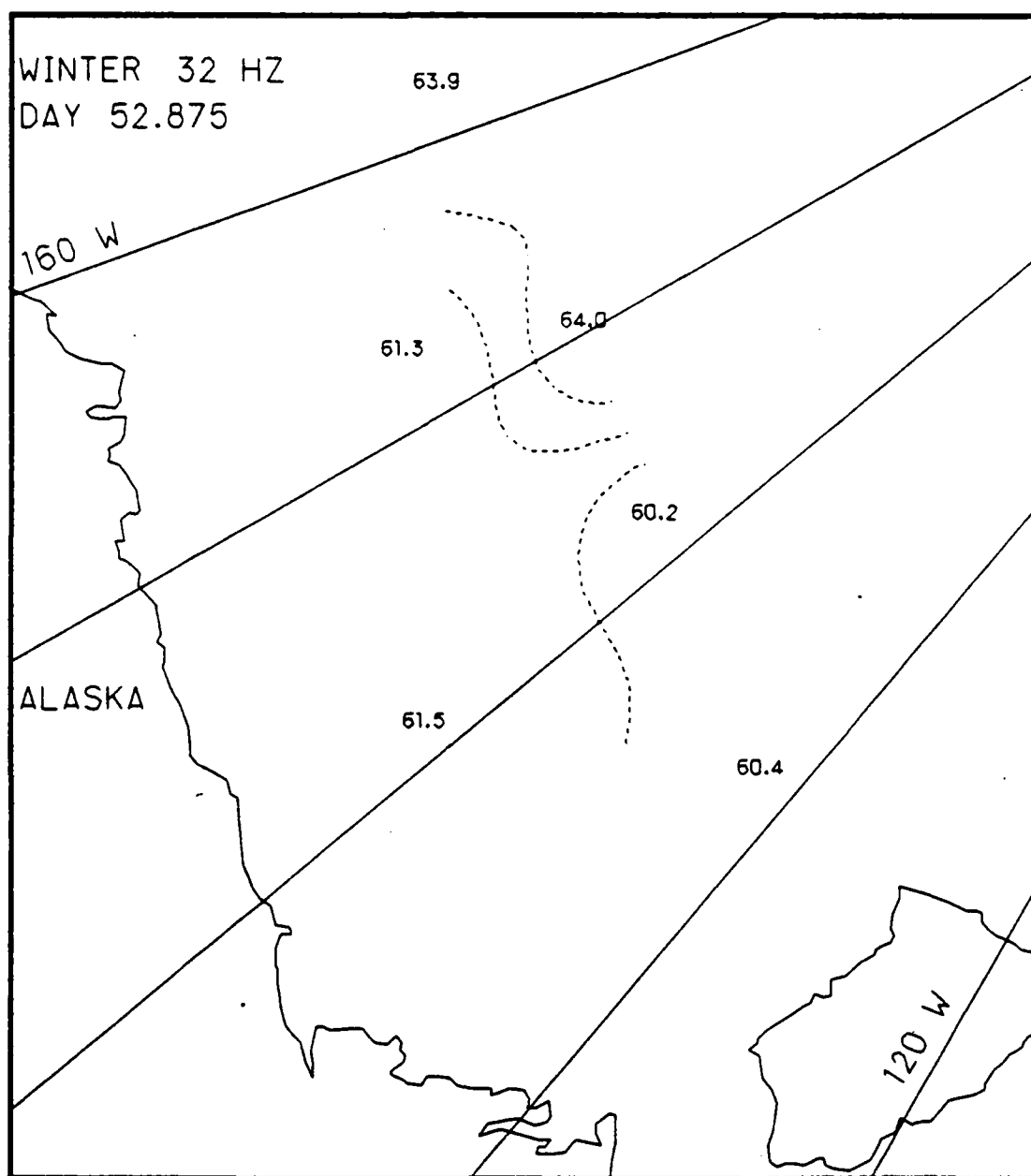


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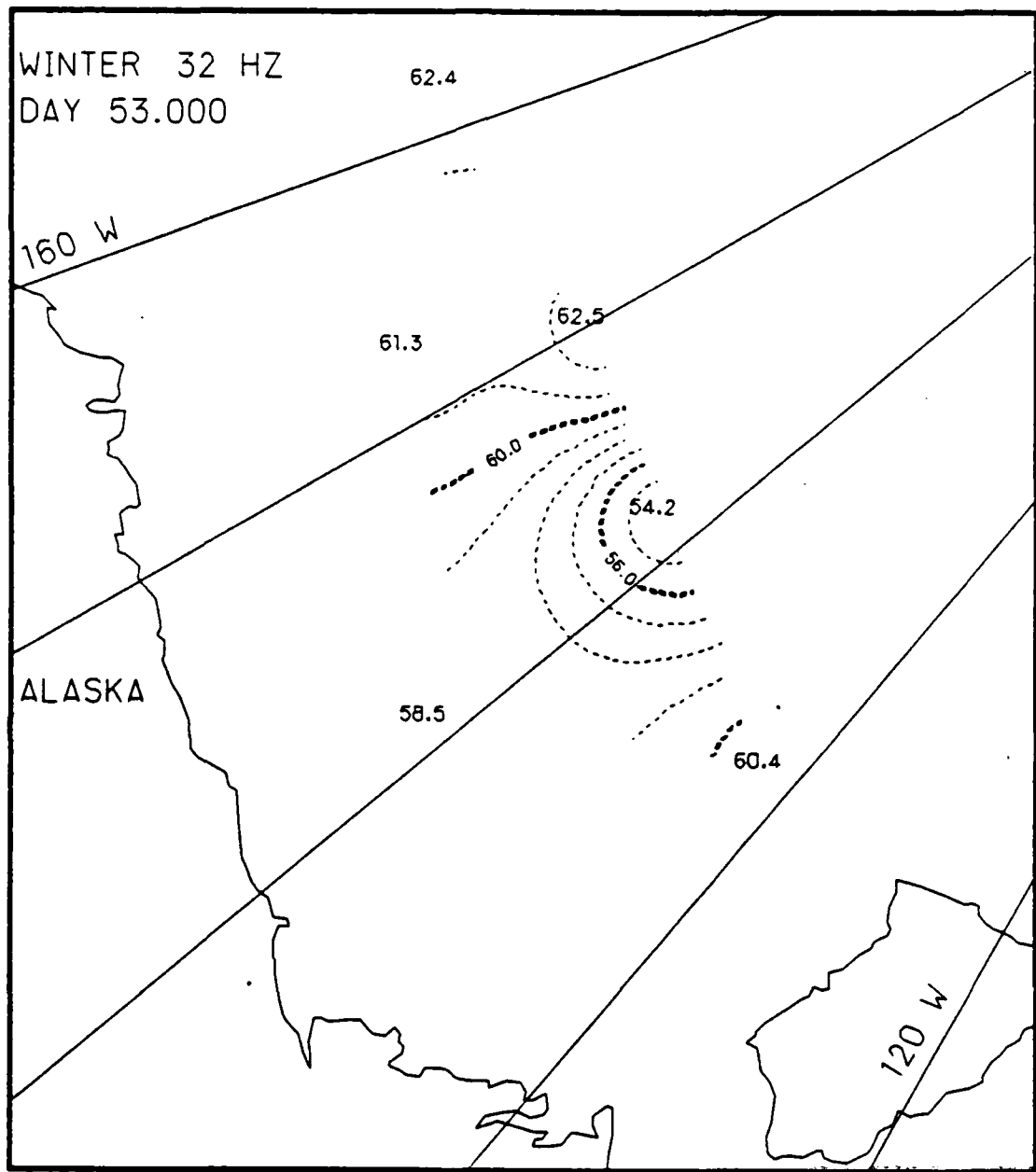


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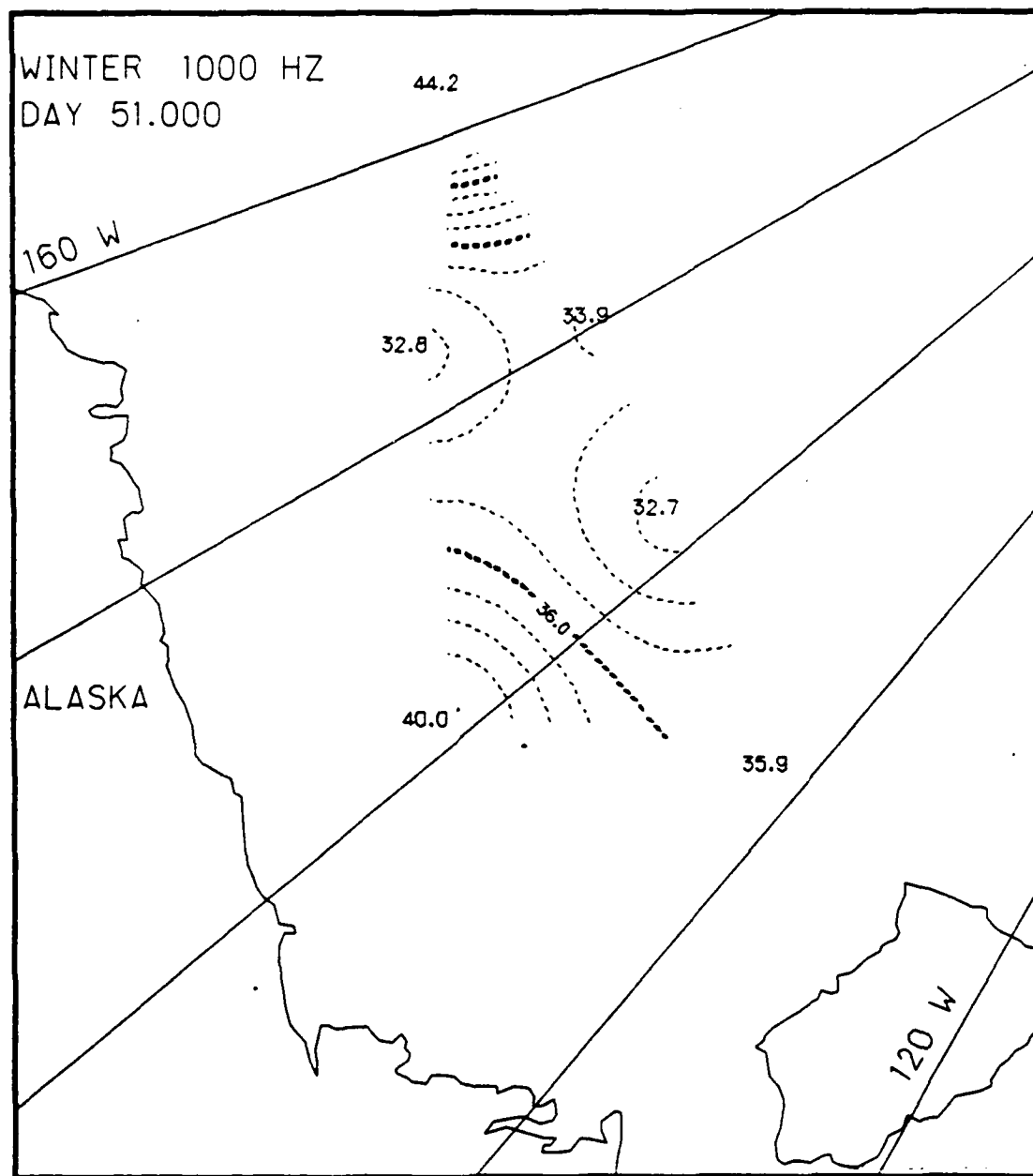


Fig. E.35. Spatial noise variations, day 51.0, based on the AIDJEX 1000 Hz noise data.

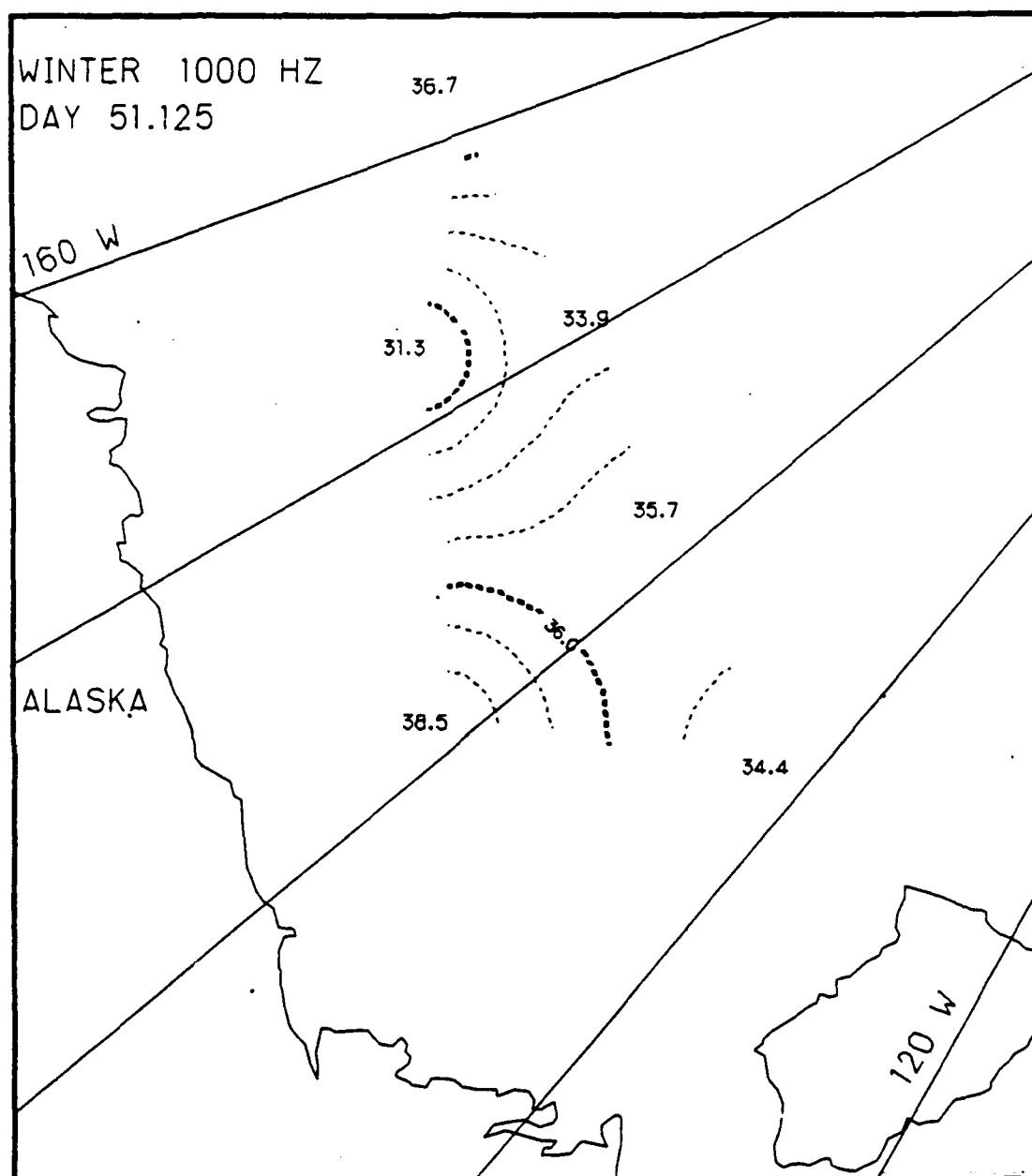


Fig. E.36. Spatial noise variations, day 51.125, based on the AIDJEX 1000 Hz noise data.

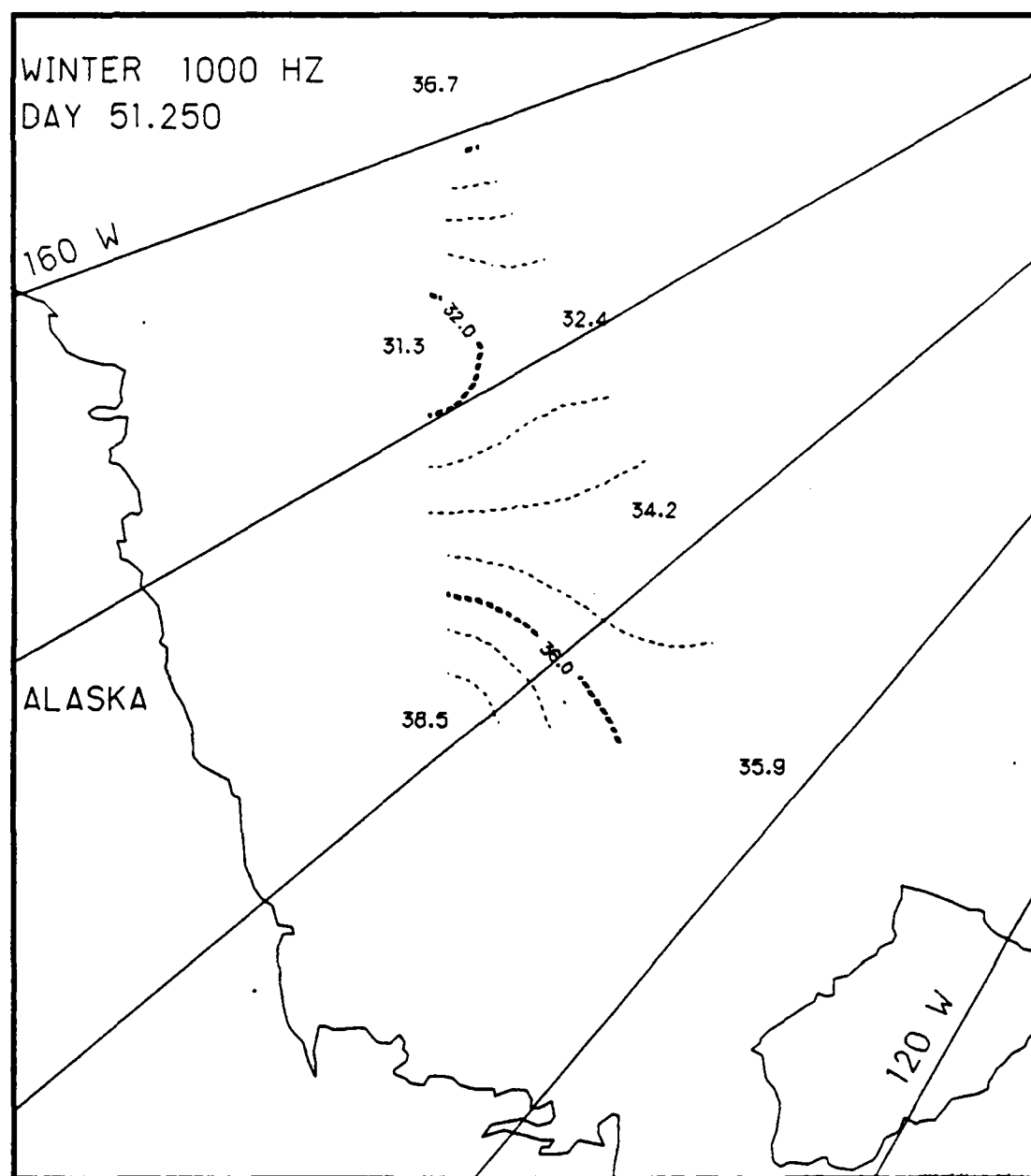


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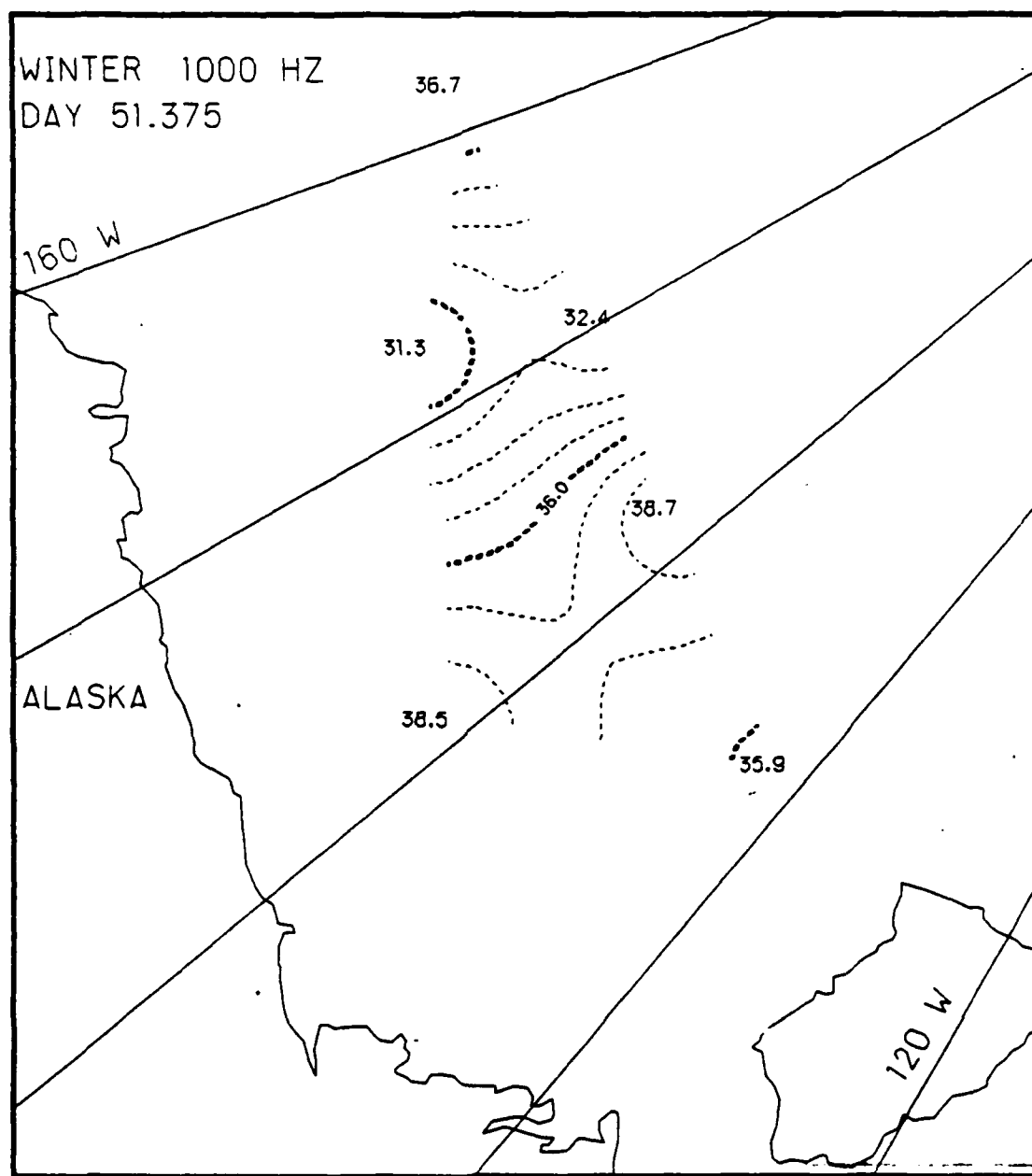


Fig. E.38. Spatial noise variations, day 51.375, based on the AIDJEX 1000 Hz noise data.

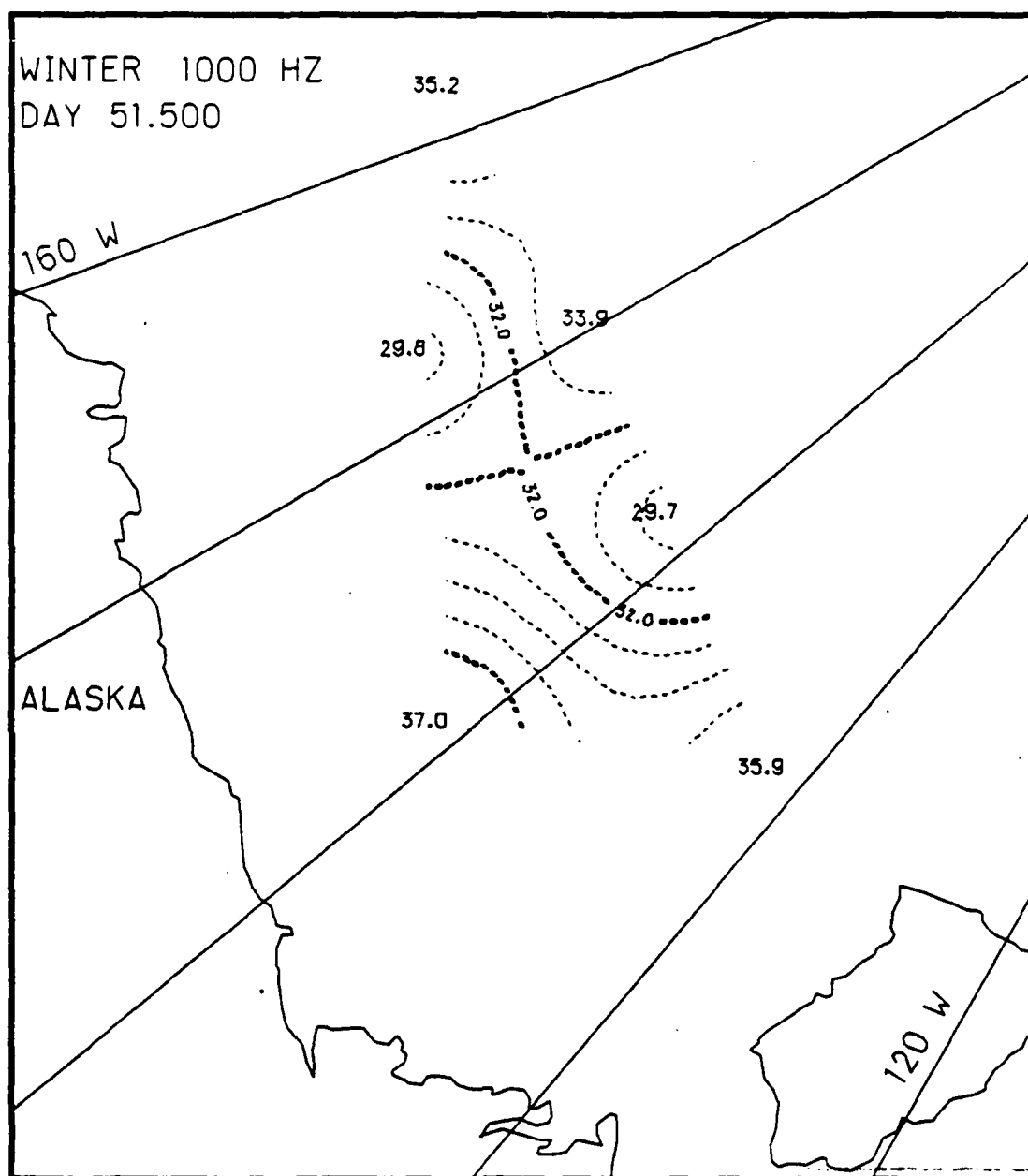


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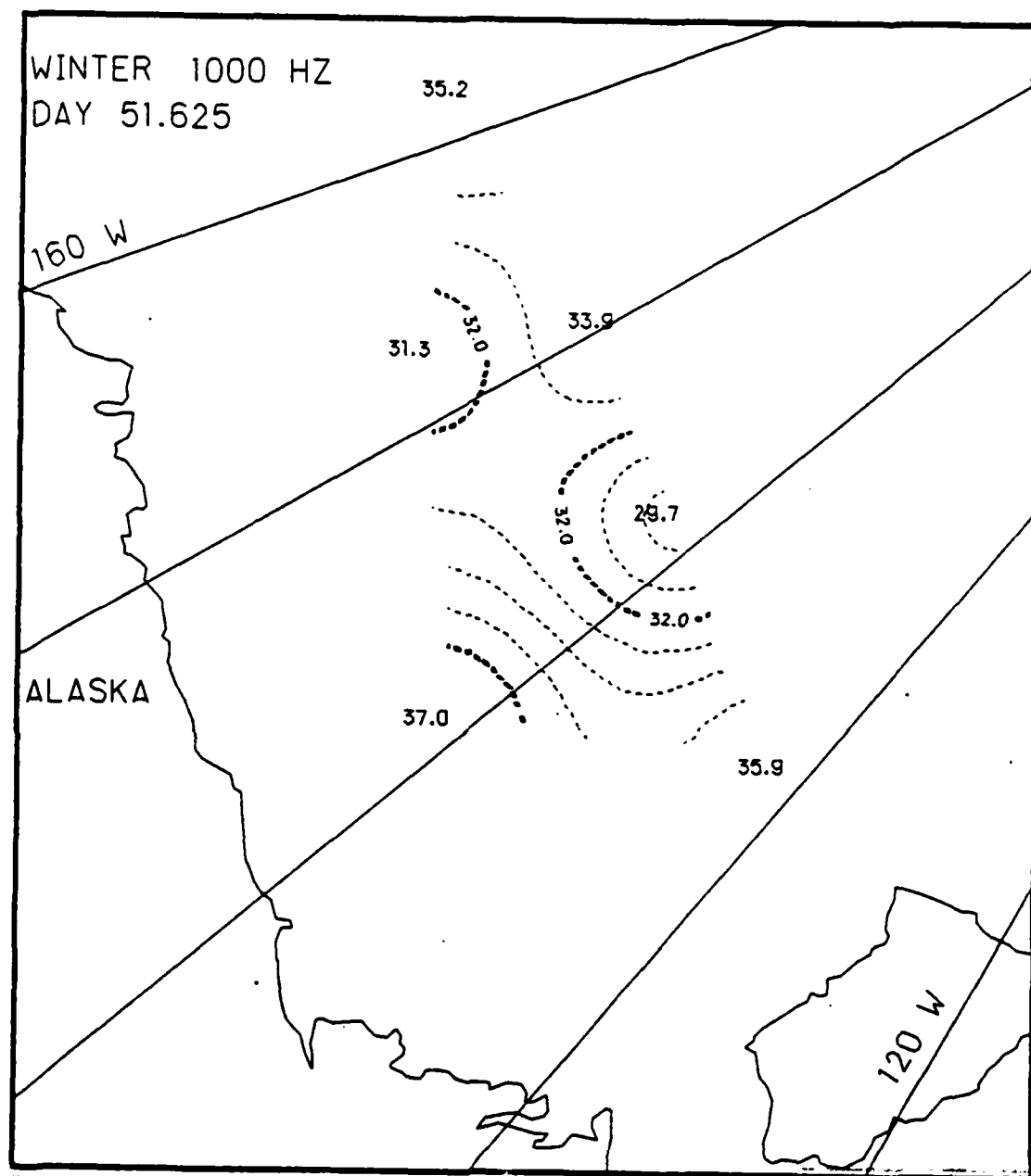


Fig. E.40. Spatial noise variations, day 51.625, based on the AIDJEX 1000 Hz noise data.

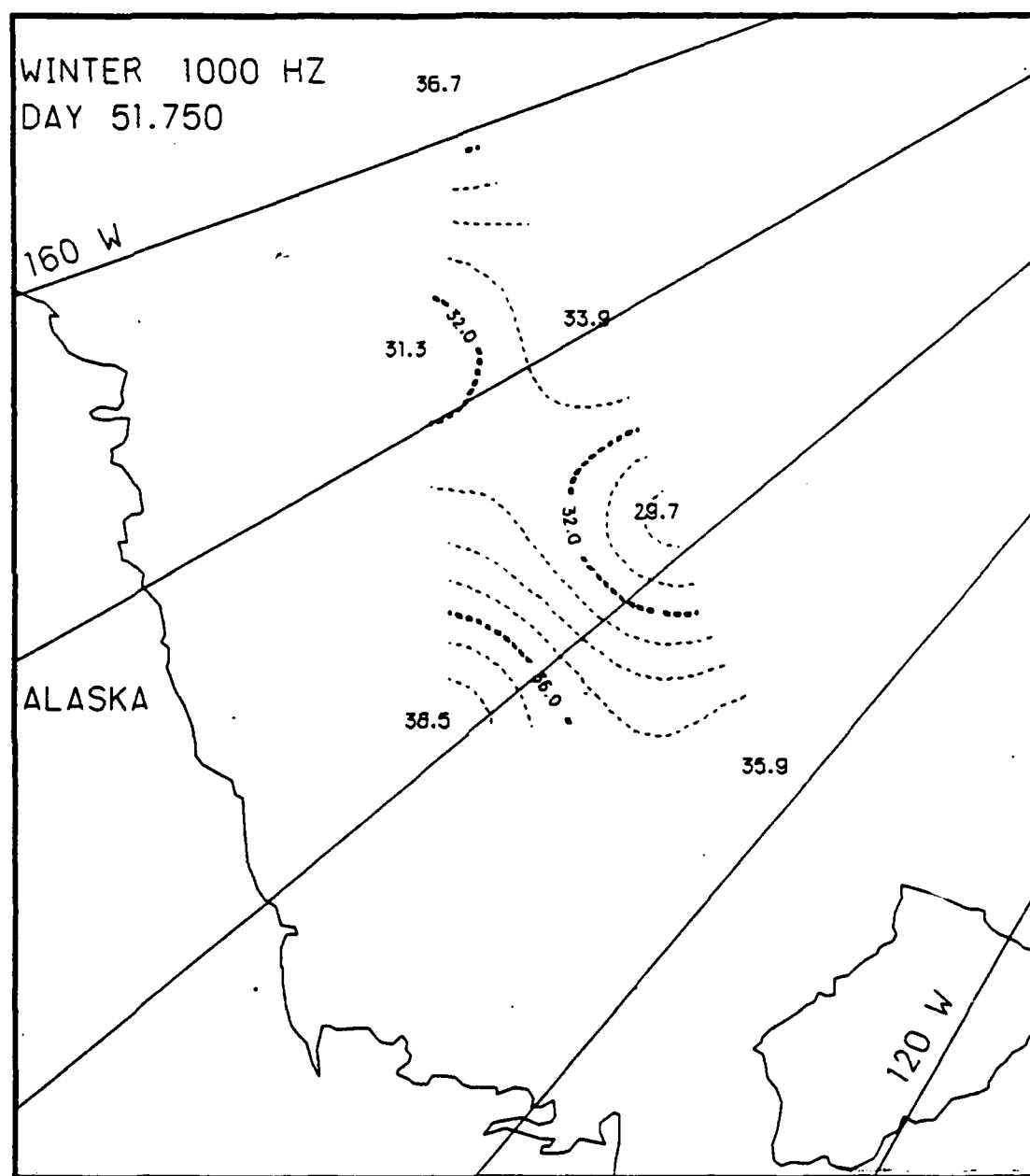


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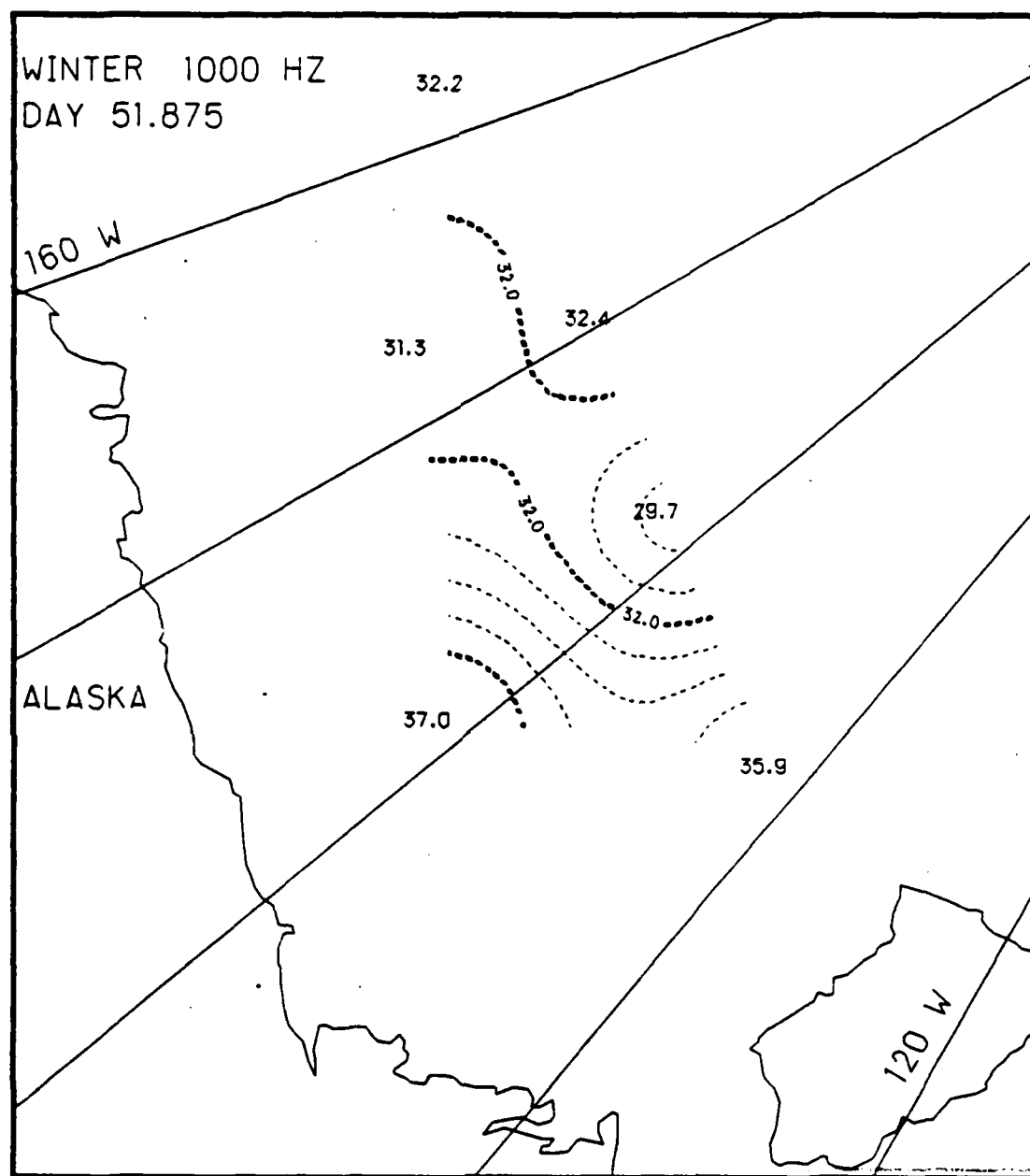


Fig. E.42. Spatial noise variations, day 51.875, based on the AIDJEX 1000 Hz noise data.

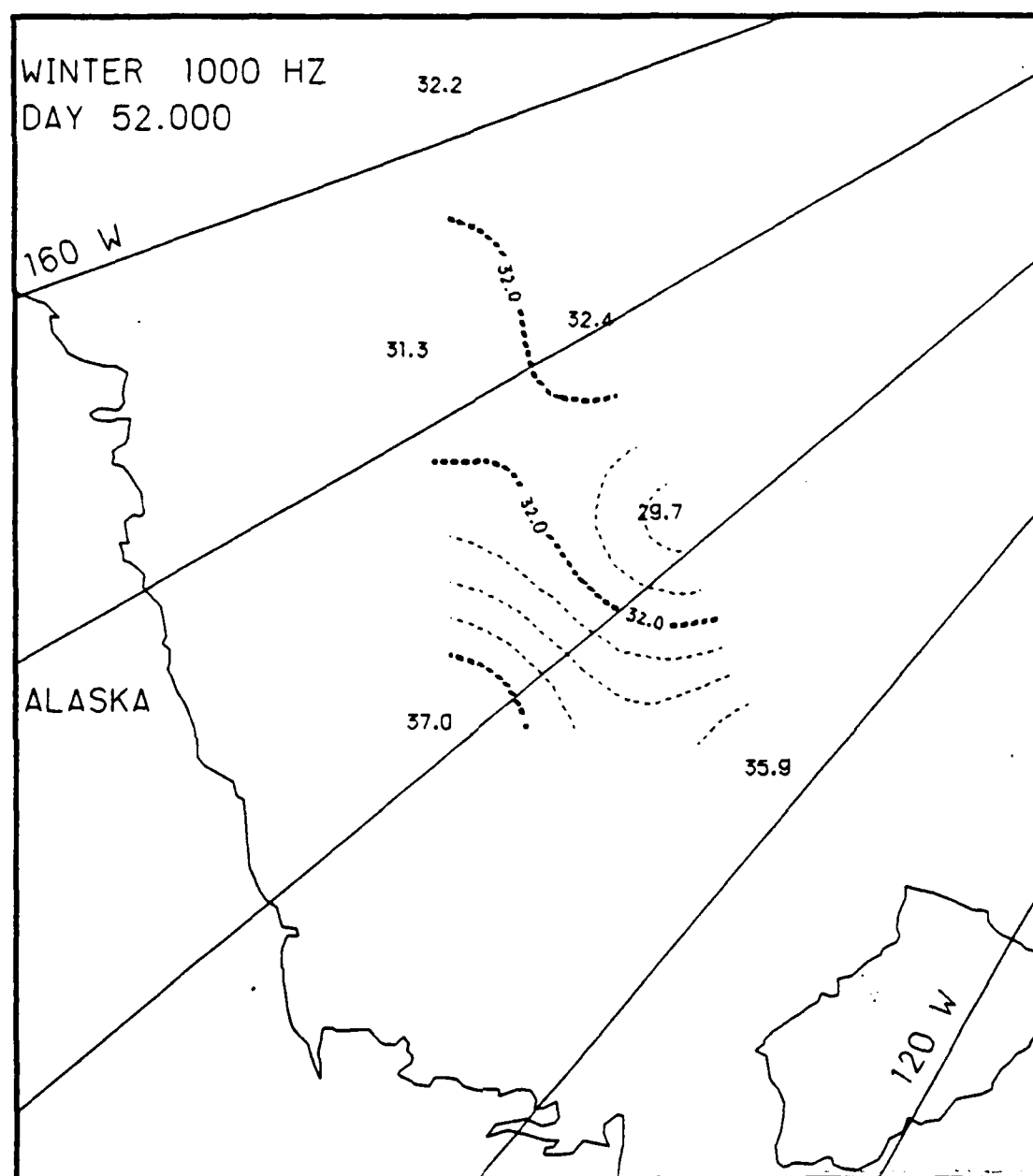


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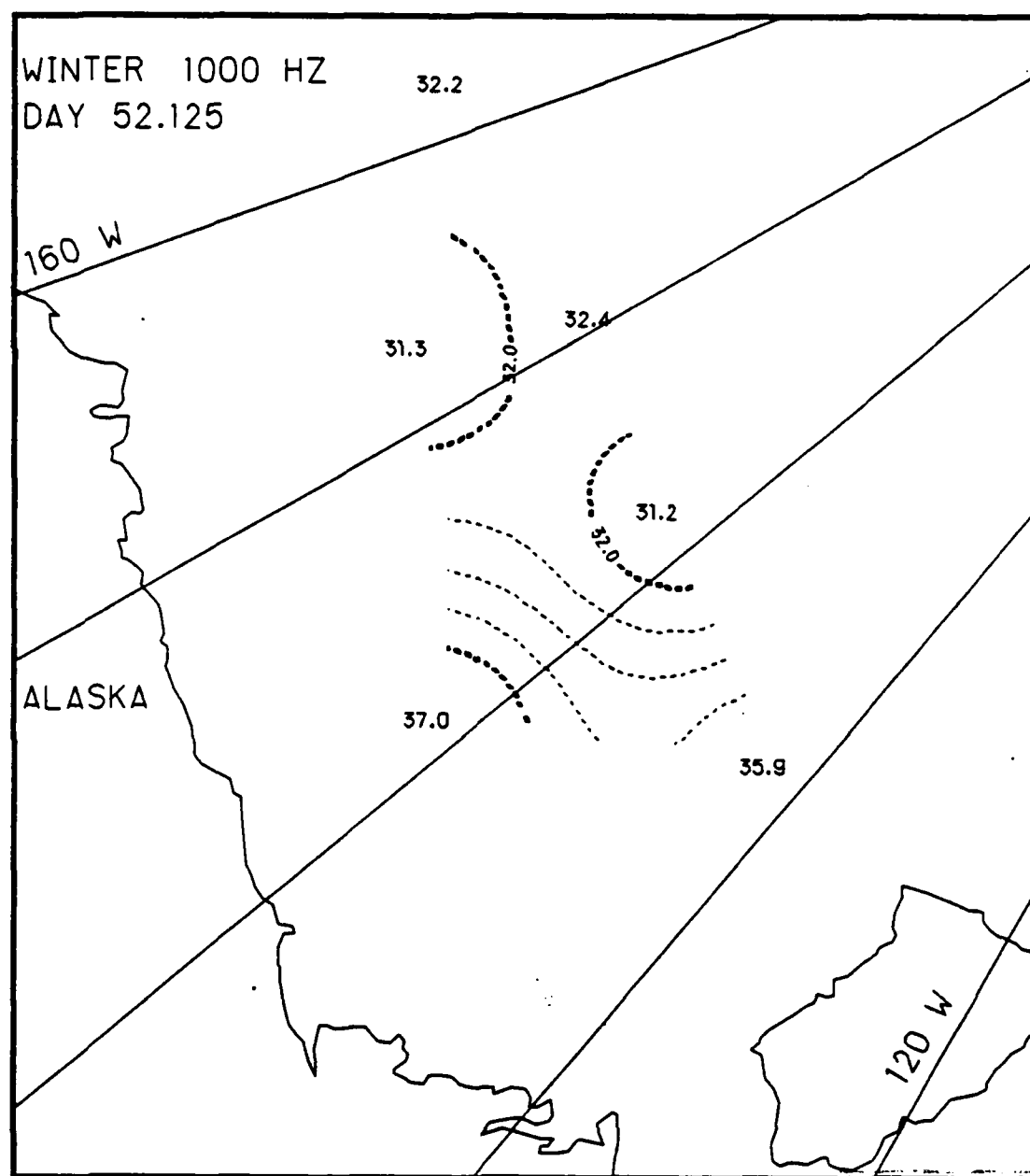


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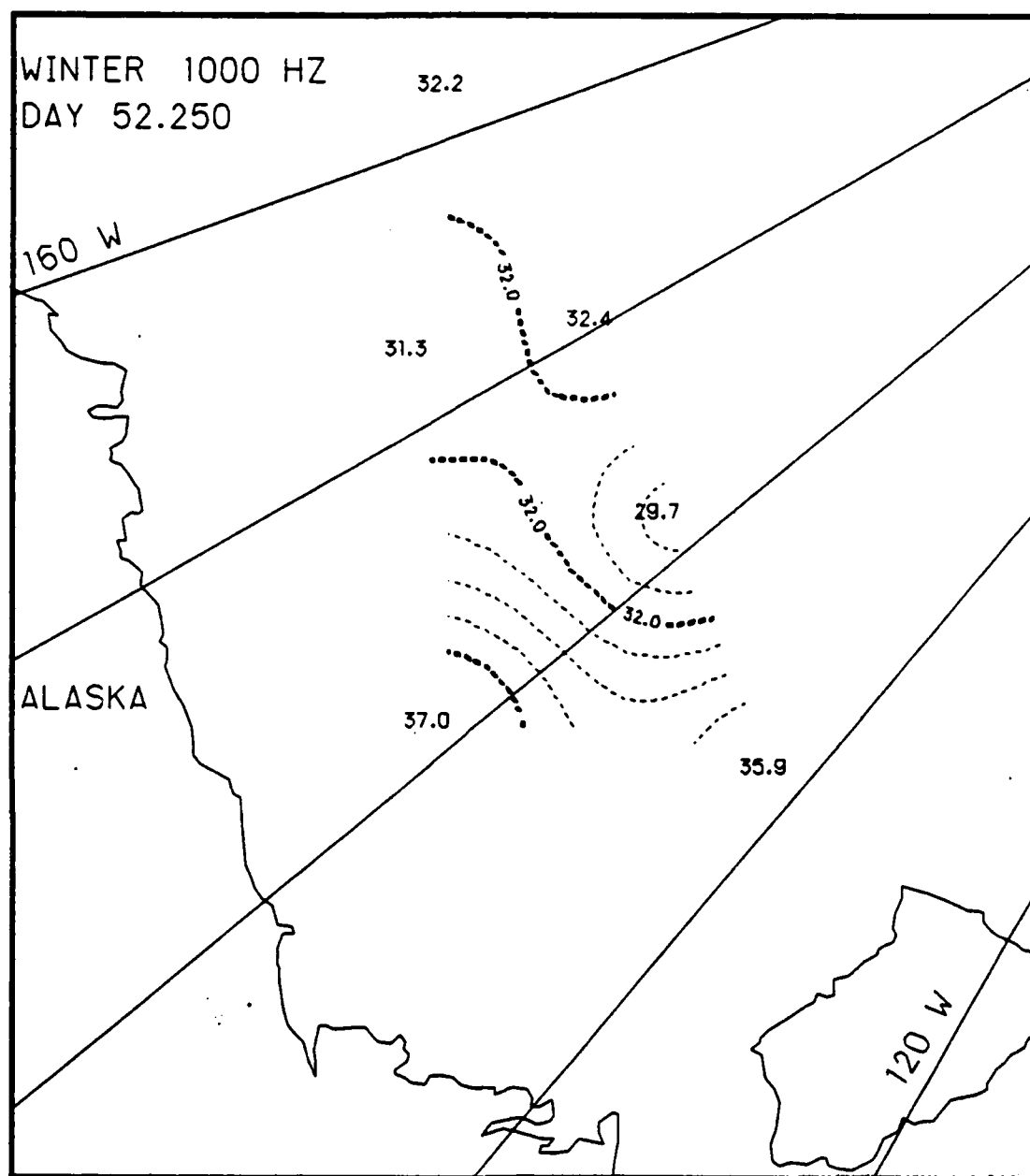


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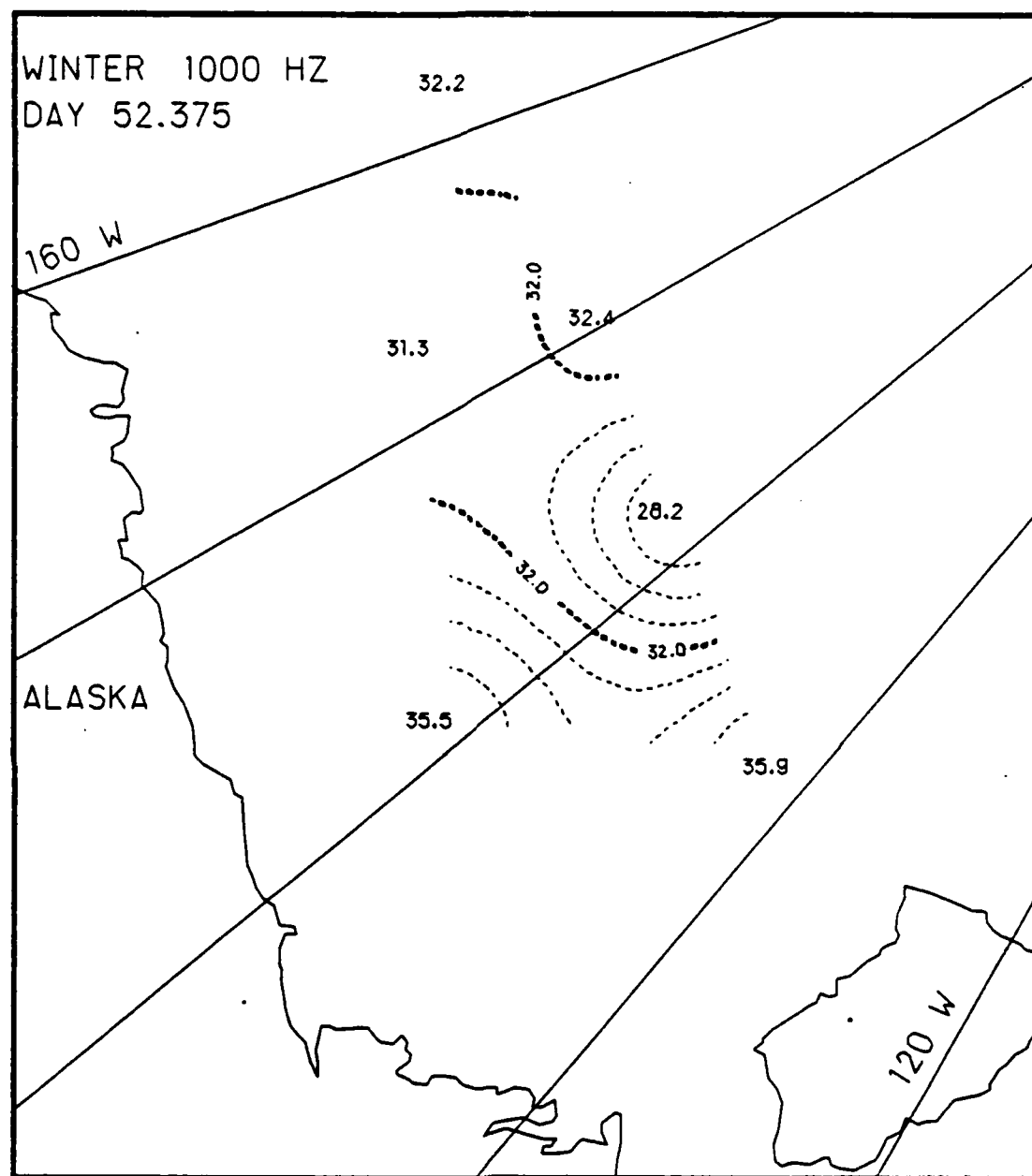


Fig. E.46. Spatial noise variations, day 52.375, based on the AIDJEX 1000 Hz noise data.

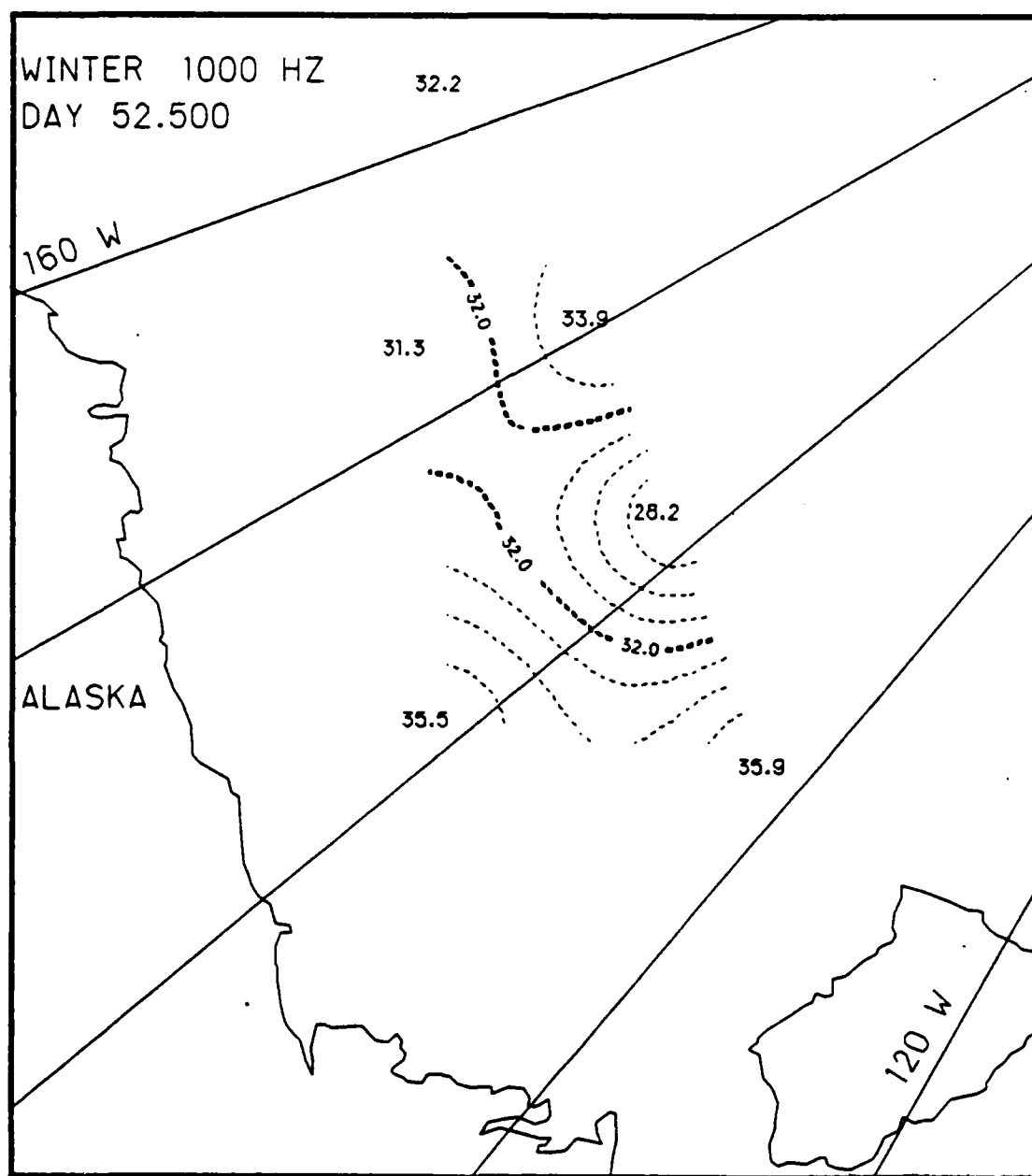


Fig. E.47. Spatial noise variations, day 52.5, based on the AIDJEX 1000 Hz noise data.

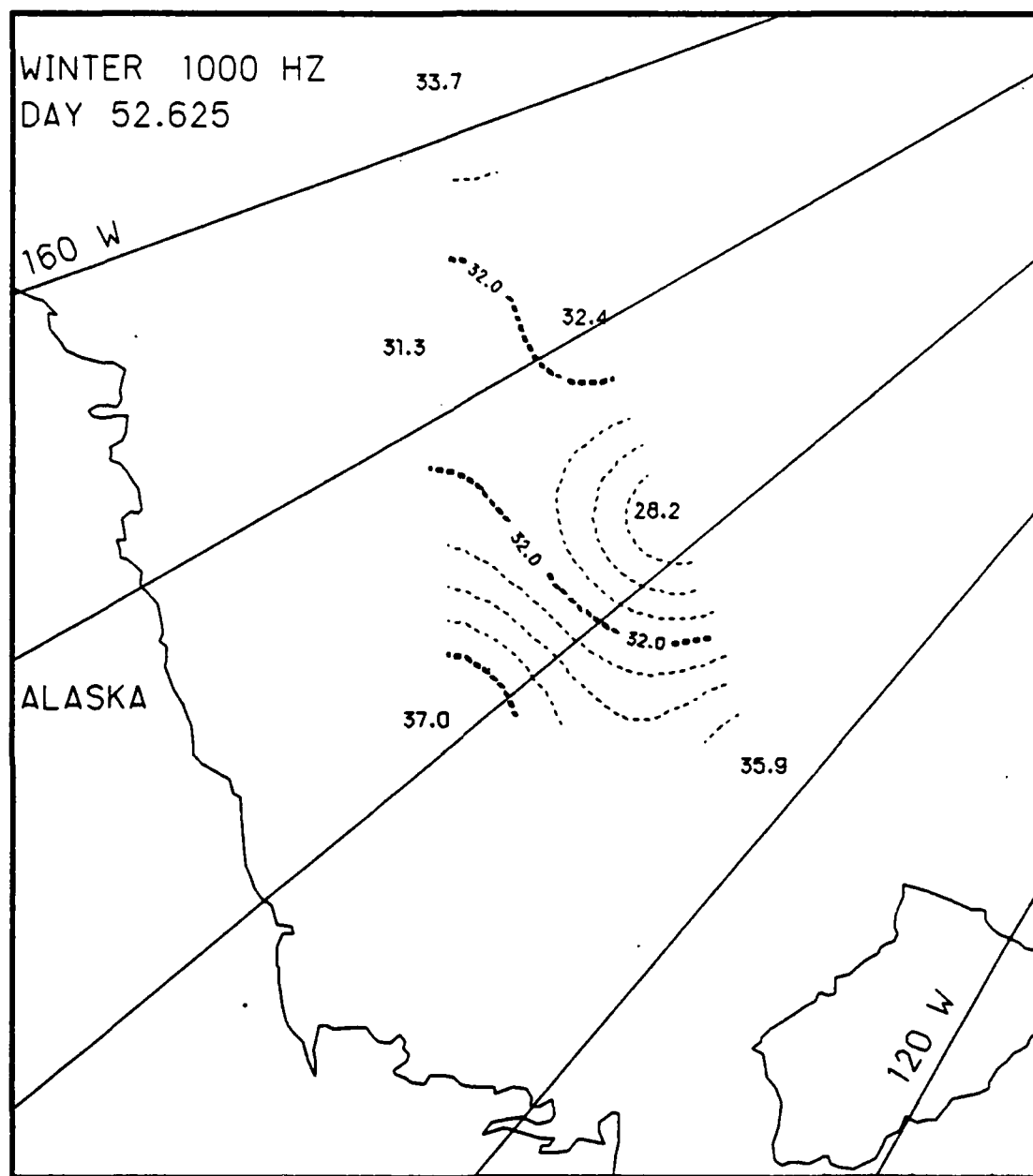


Fig. E.48. Spatial noise variations, day 52.625, based on the AIDJEX 1000 Hz noise data.

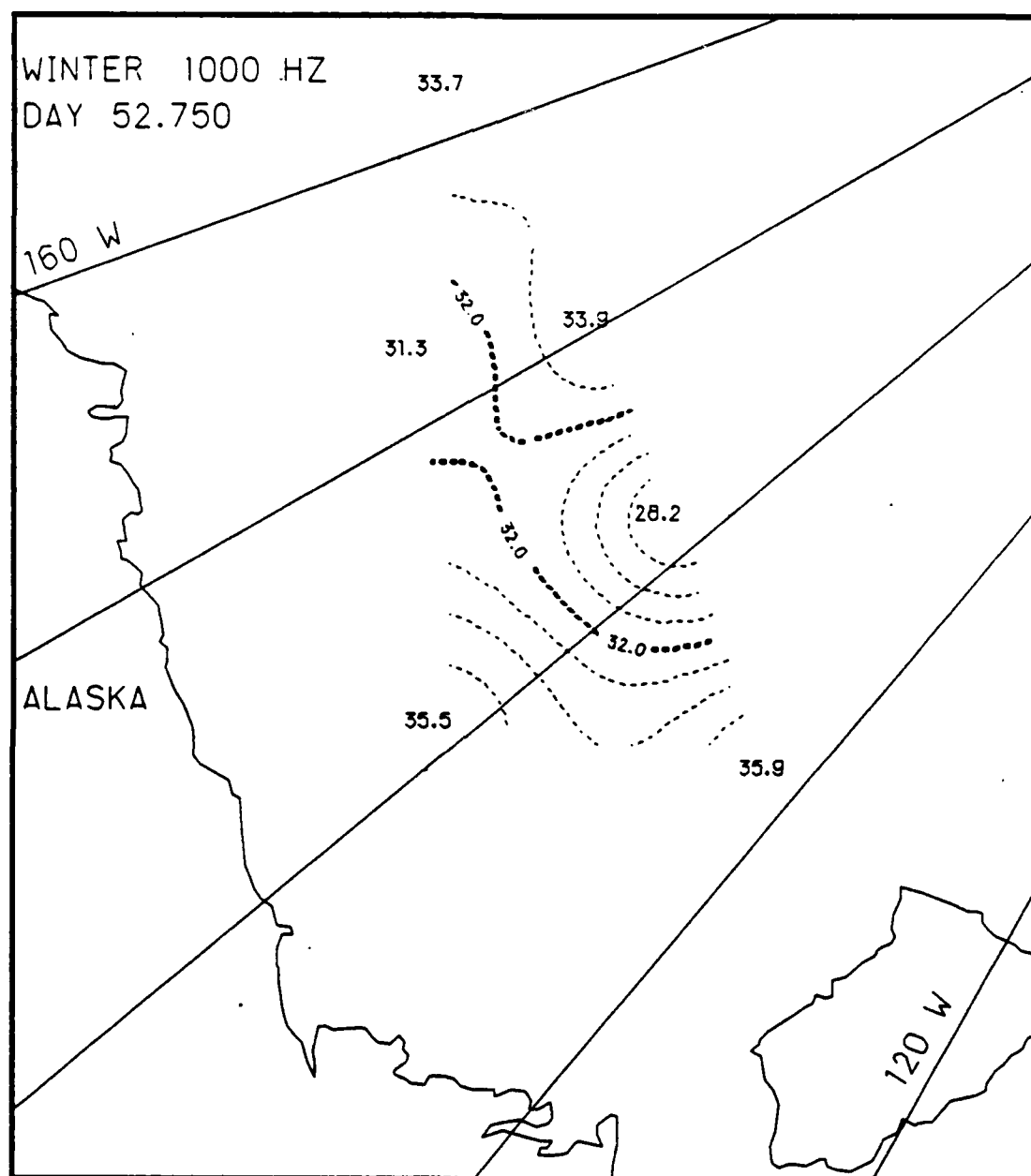


Fig. E.49. Spatial noise variations, day 52.75, based on the AIDJEX 1000 Hz noise data.

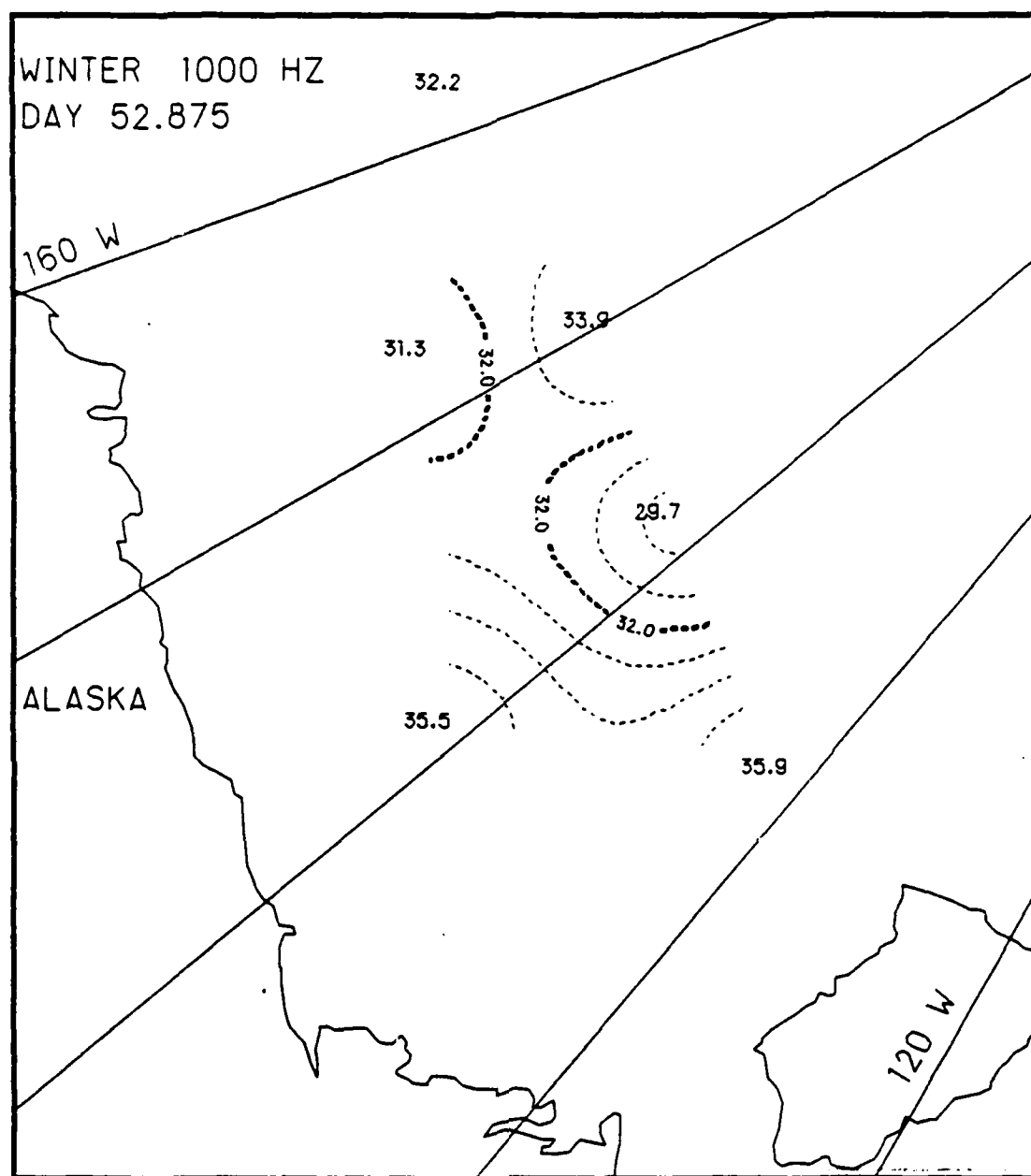


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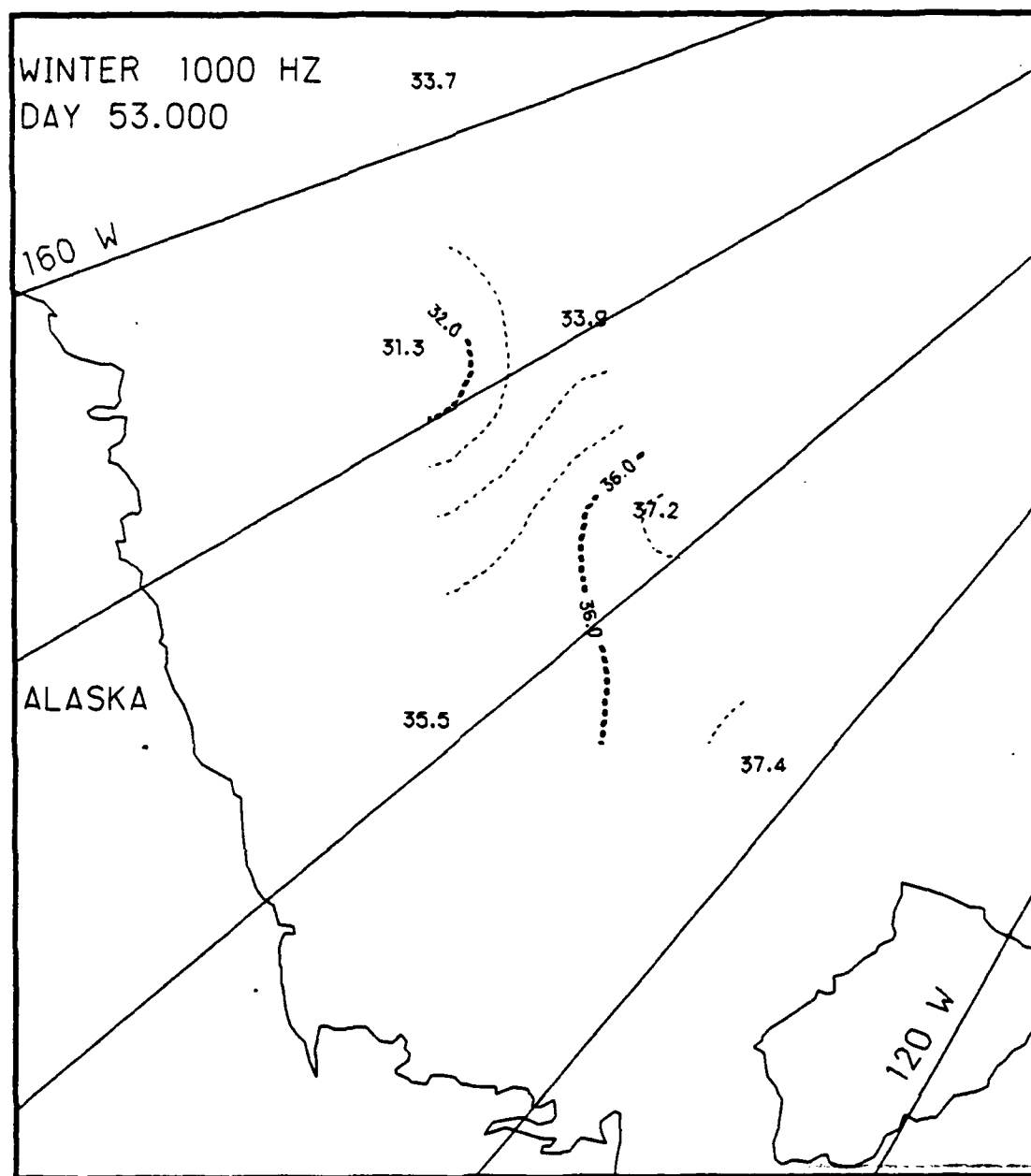


Fig. E.51. Spatial noise variations, day 53.0, based on the AIDJEX 1000 Hz noise data.

Appendix F

Two-Dimensional Contour Maps of Arctic
Ambient Noise Variations, 16-17 May 1976
(Spring)

This appendix contains the two-dimensional contour maps of the AIDJEX 10 Hz, 32 Hz, and 1000 Hz noise signals for the 48 hour period of 16-17 May 1976. The contour maps show the spatial variations of the ambient noise signals at 3 hr intervals, the units of noise being decibells. The Julian day for 16 May is 135, and the Julian day for 17 May is day 136. The contour maps for day 135.75 were not generated as a result of a lack of data.

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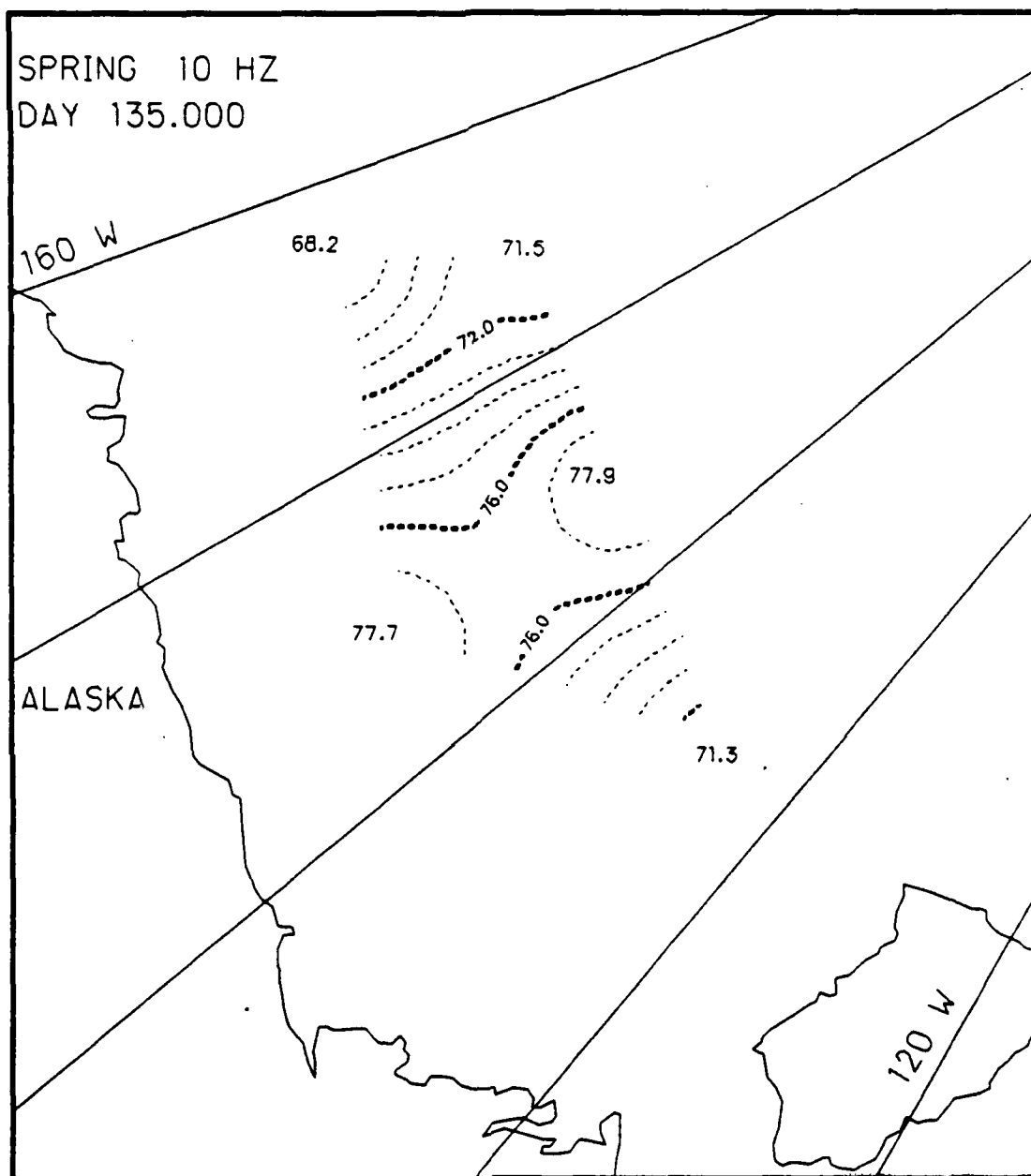


Fig. F.1. Spatial noise variations, day 135.0, based on the AIDJEX 10 Hz noise data.

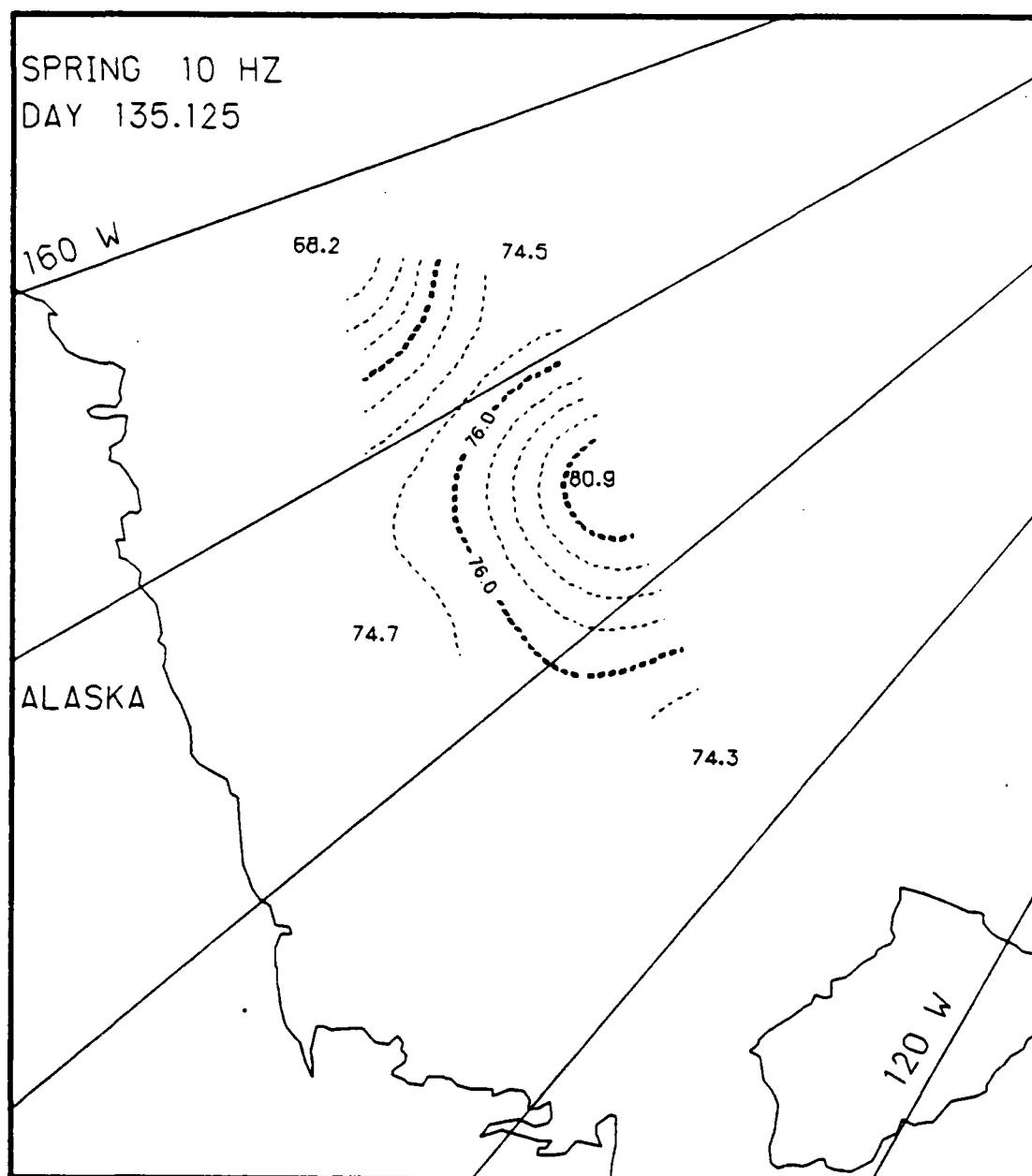


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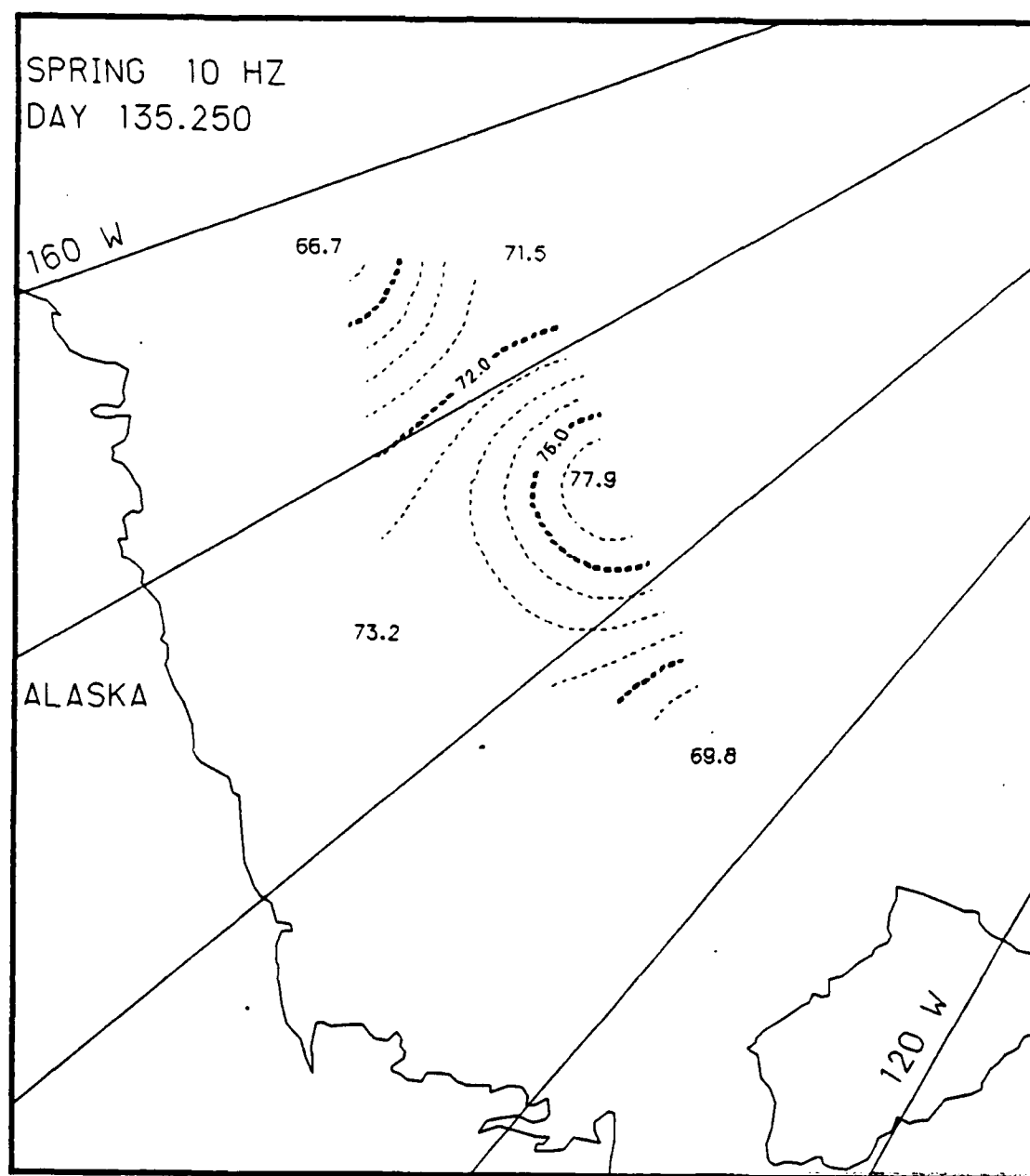


Fig. F.3. Spatial noise variations, day 135.25, based on the AIDJEX 10 Hz noise data.

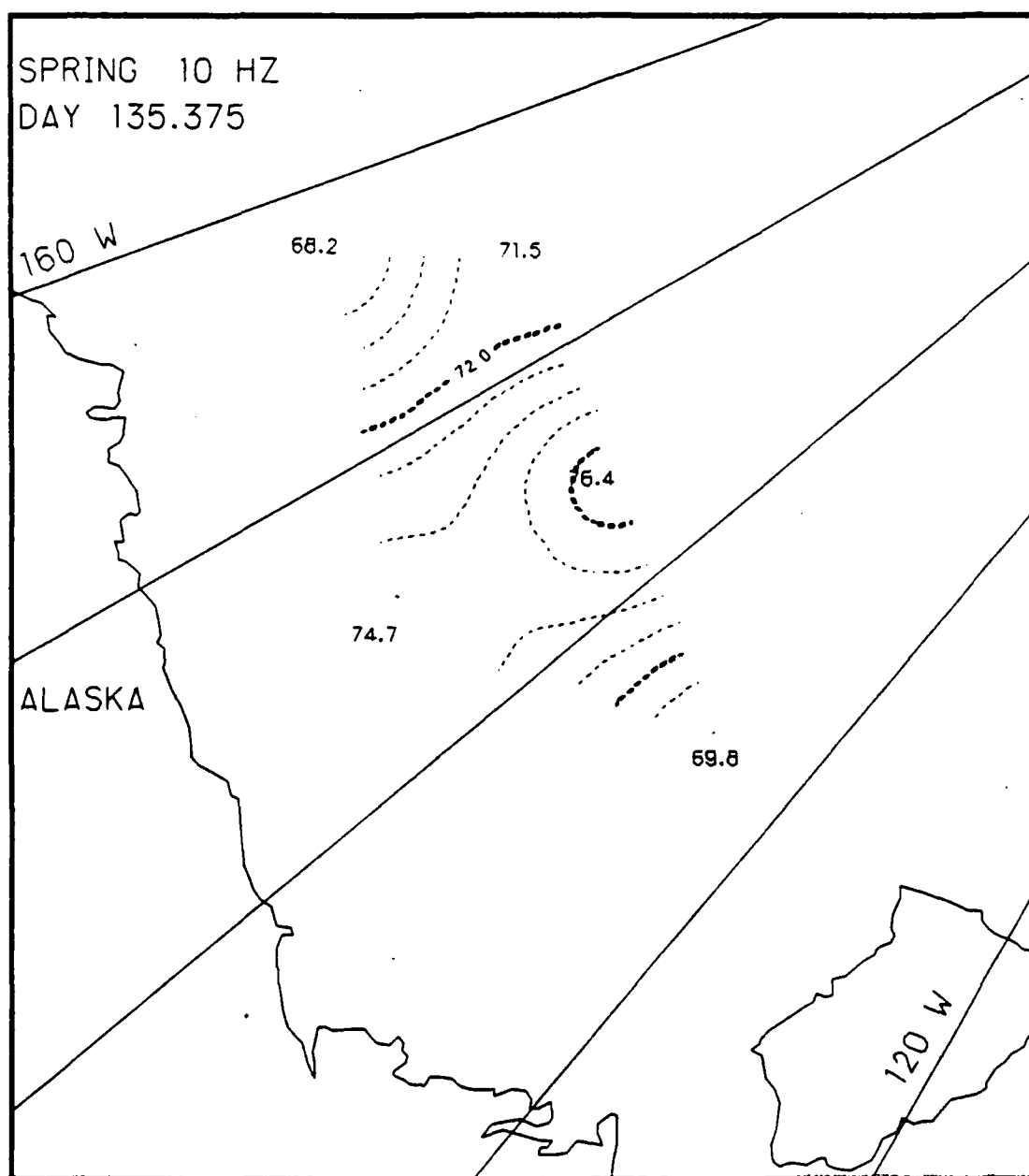


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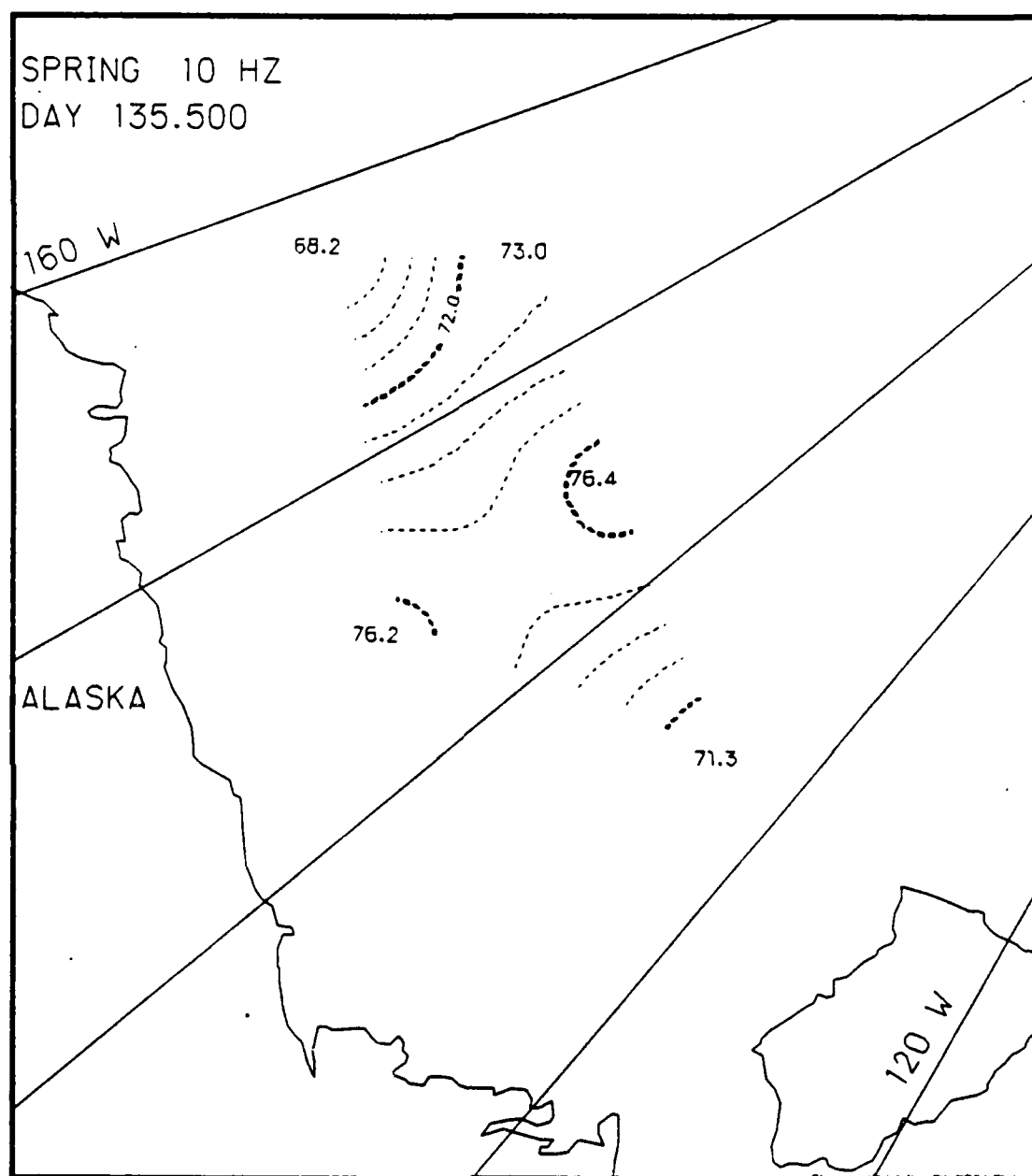


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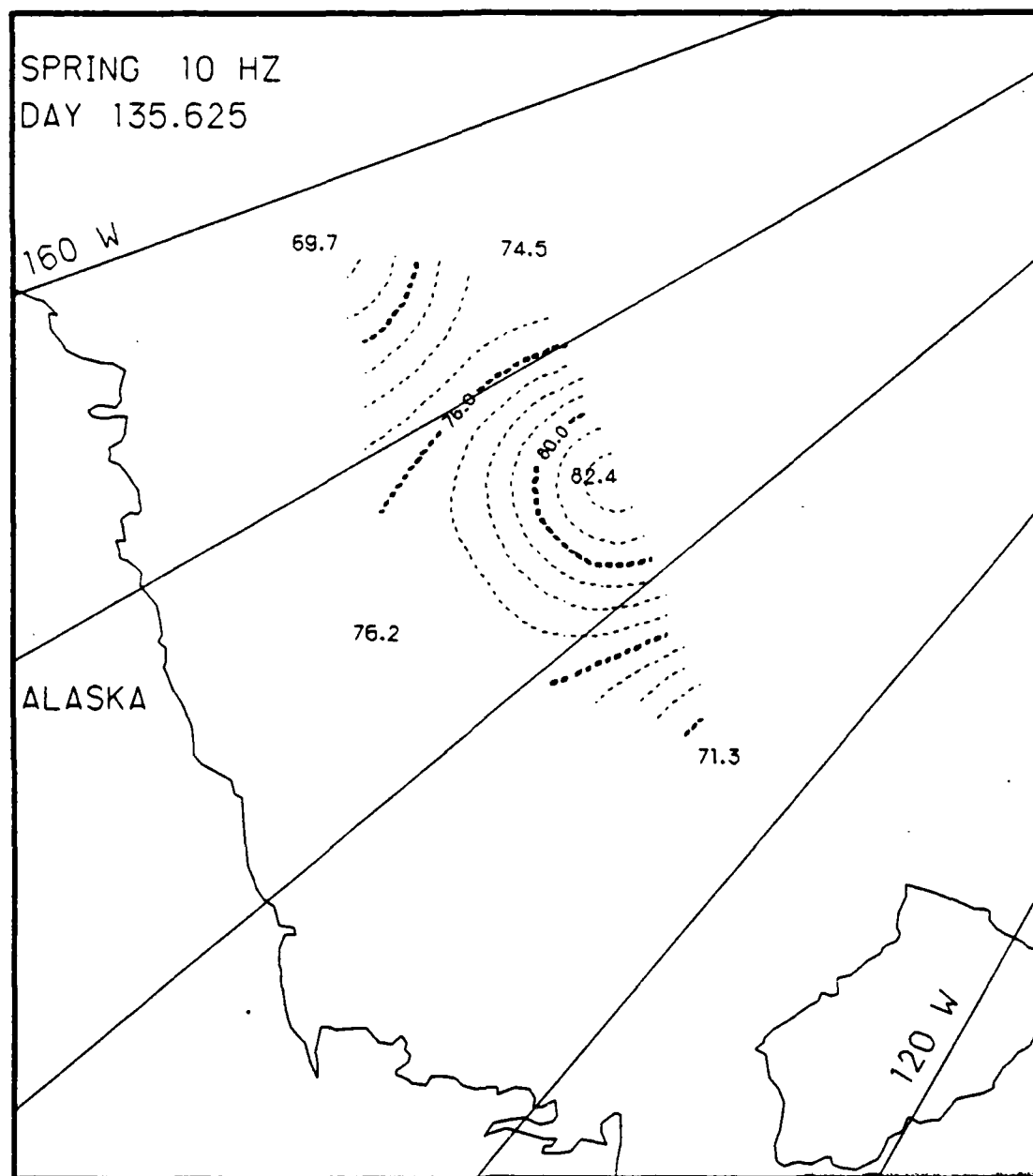


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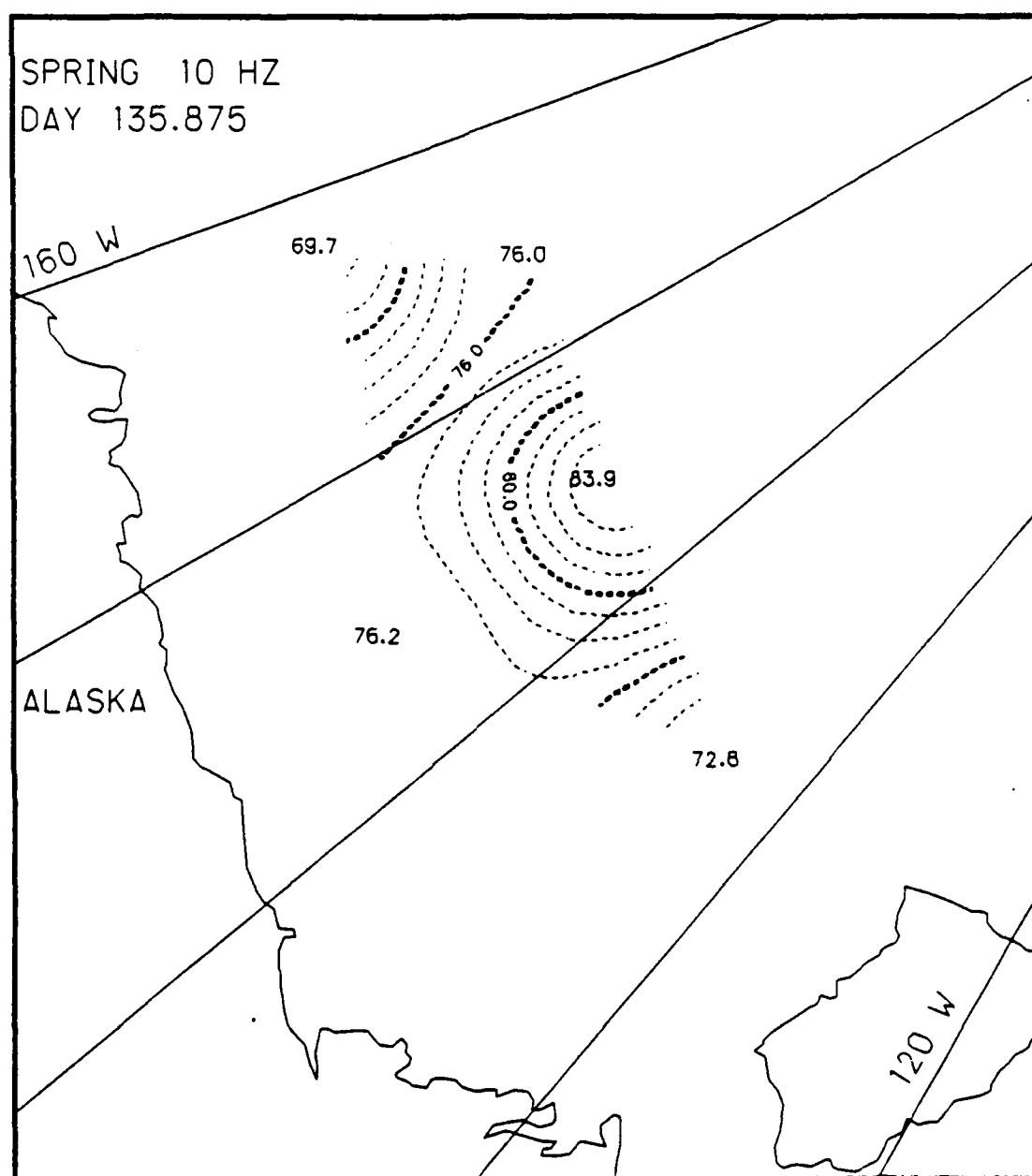


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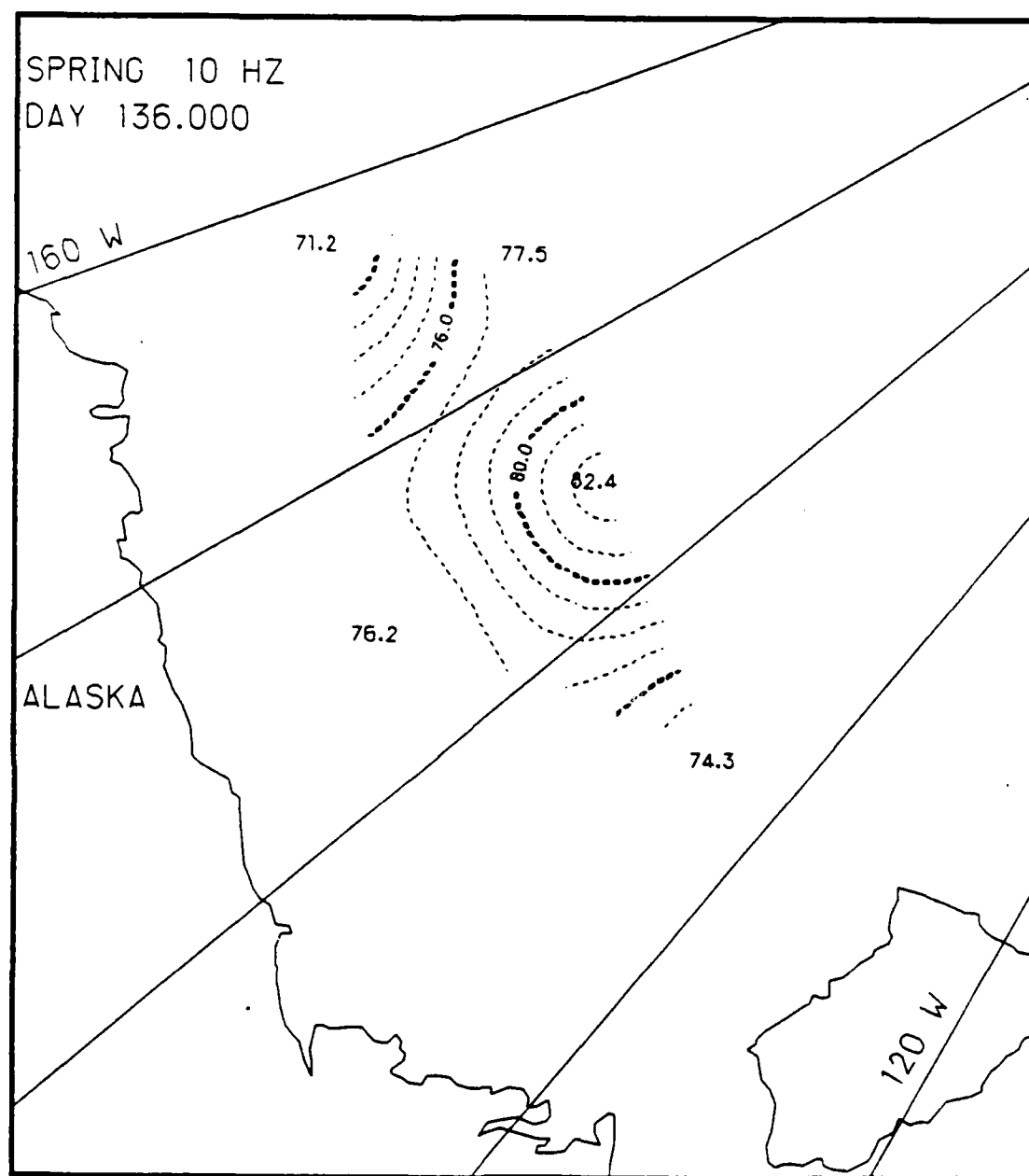


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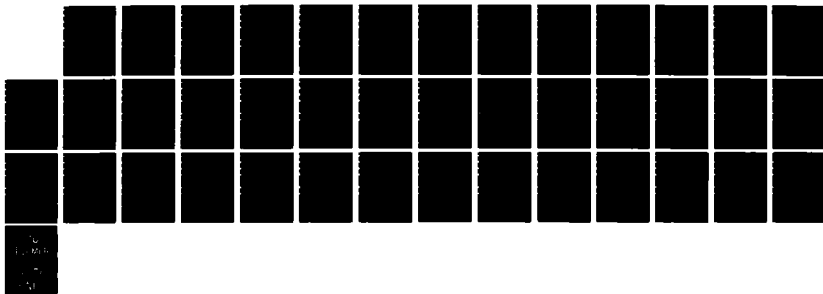
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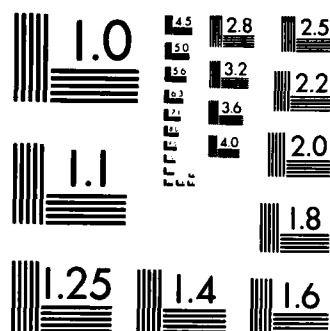
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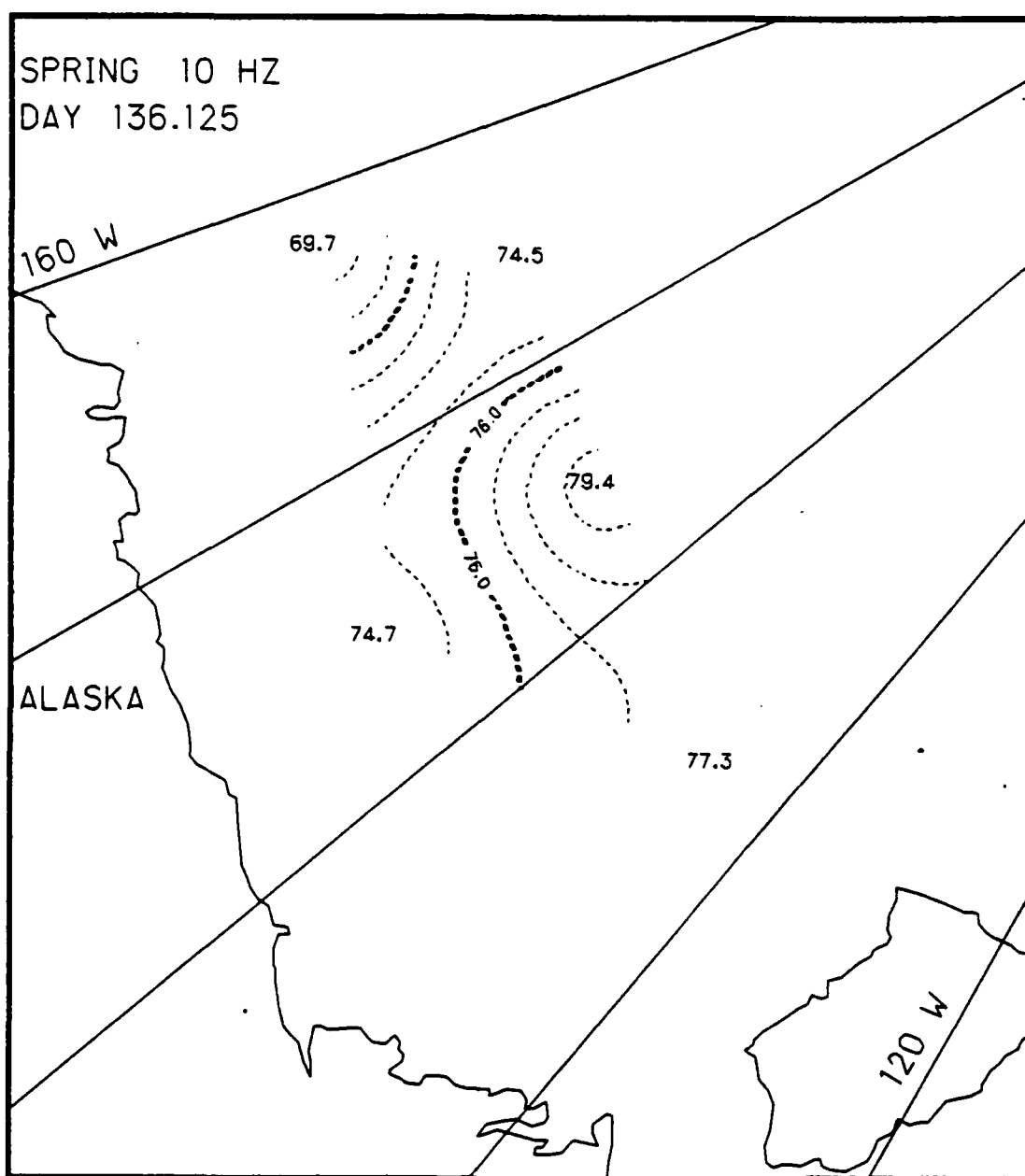


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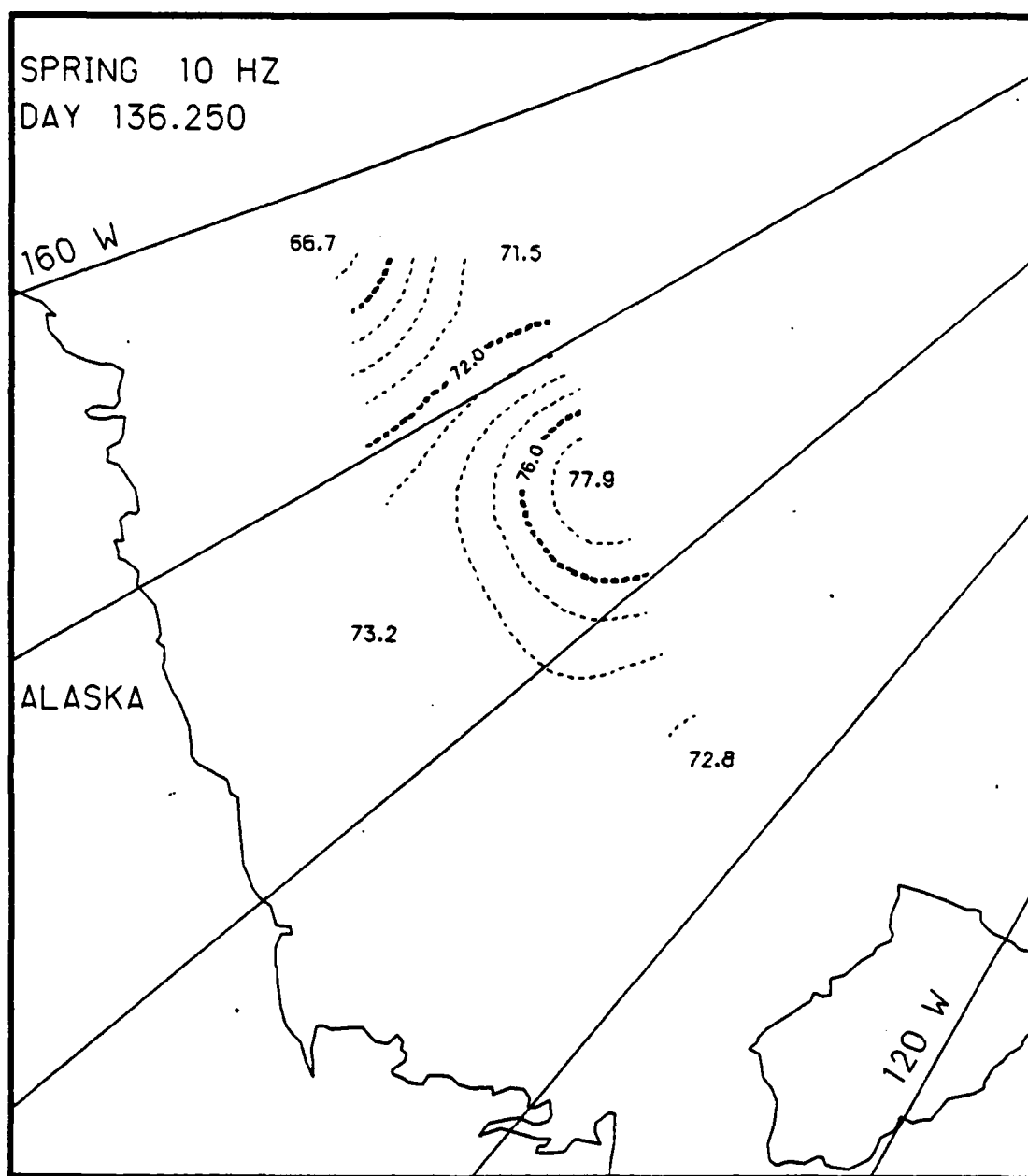


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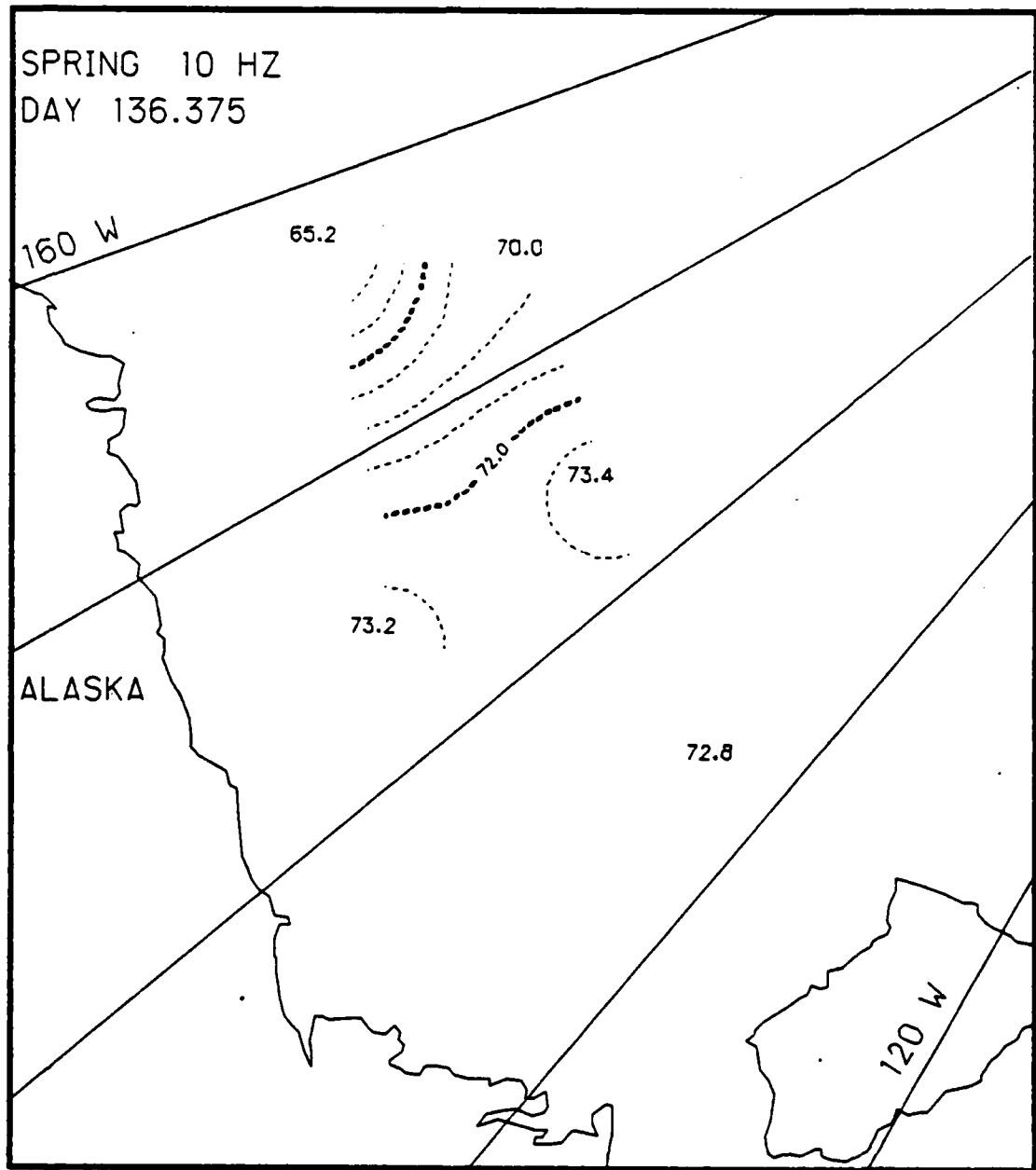


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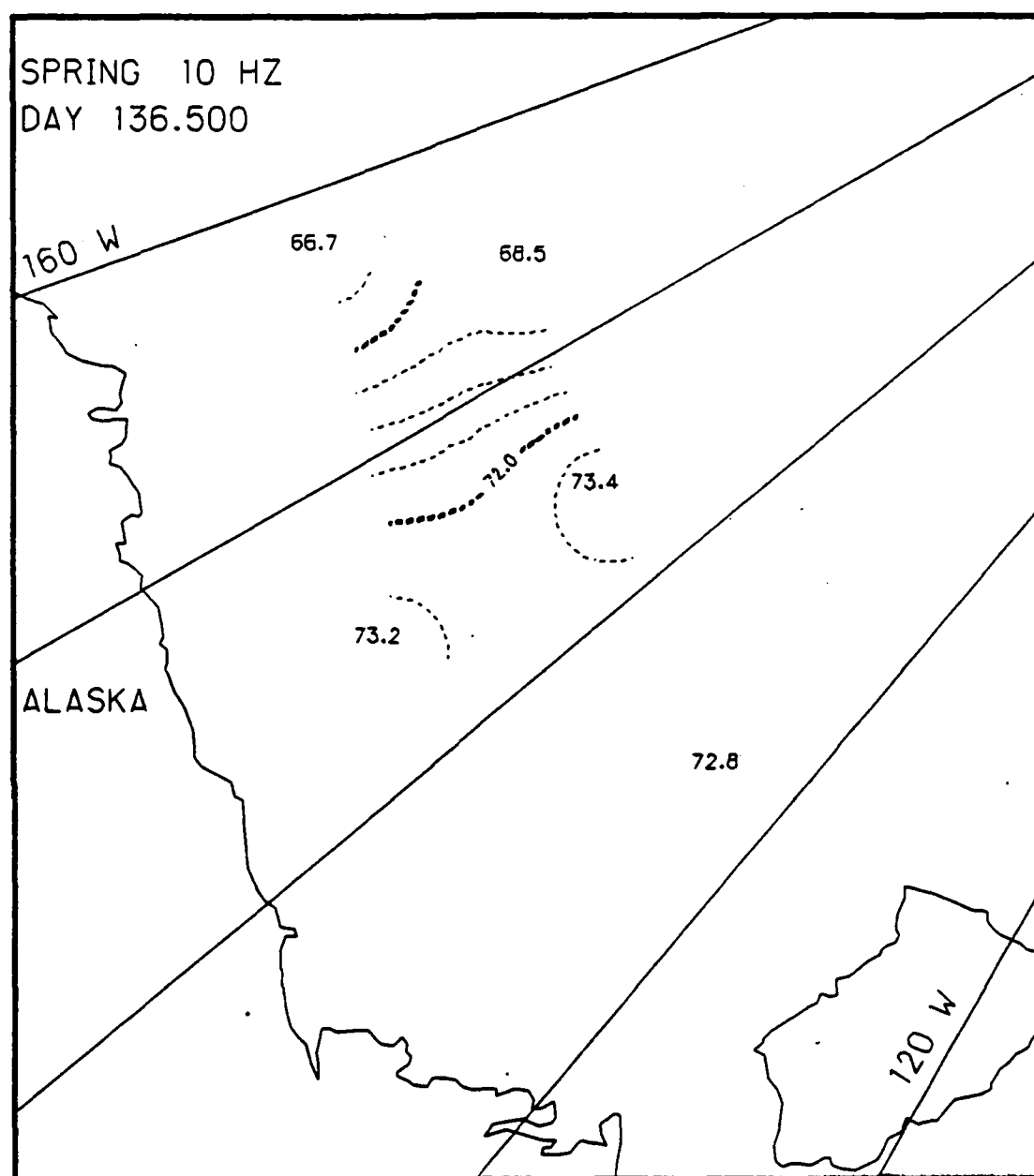


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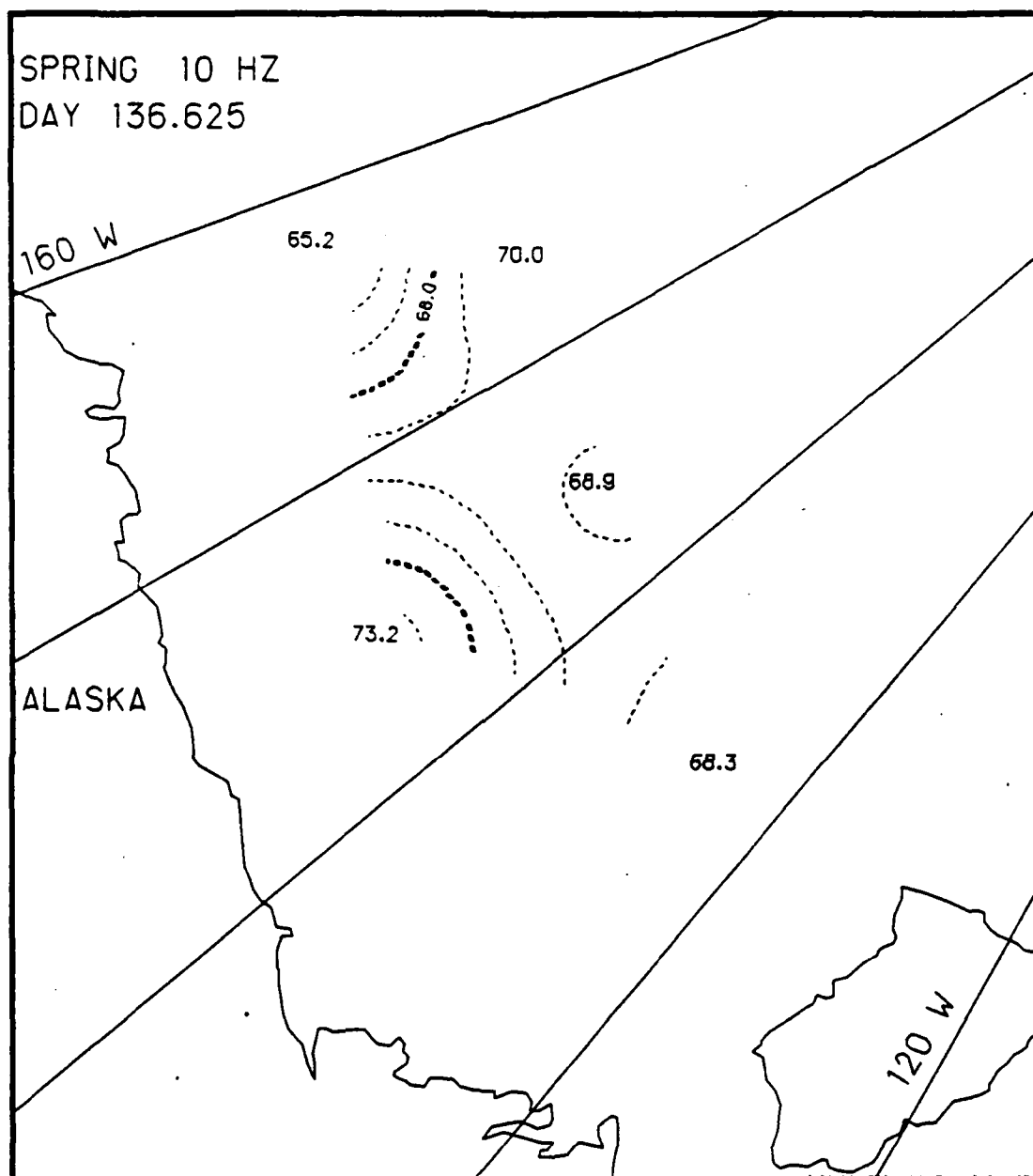


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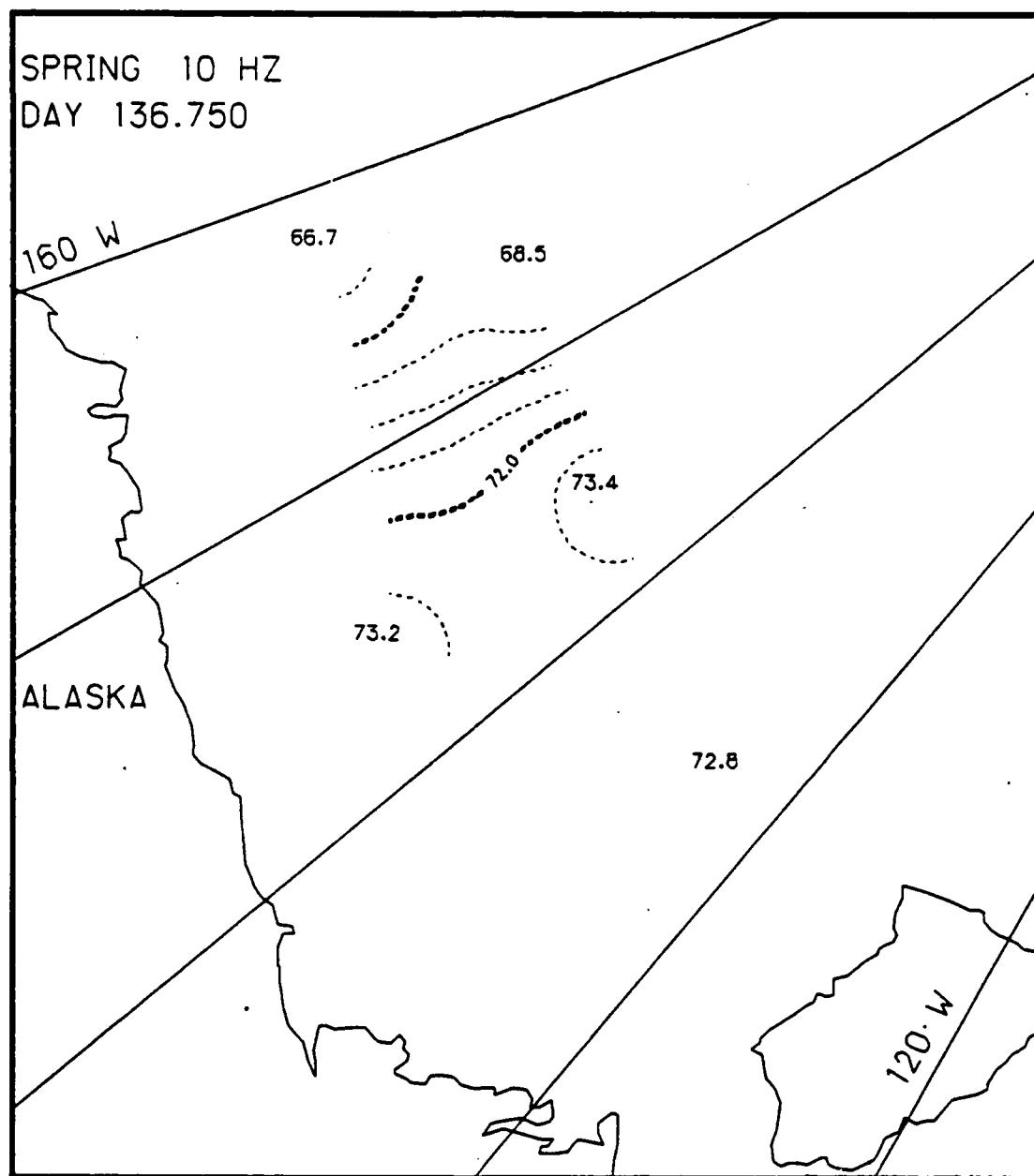


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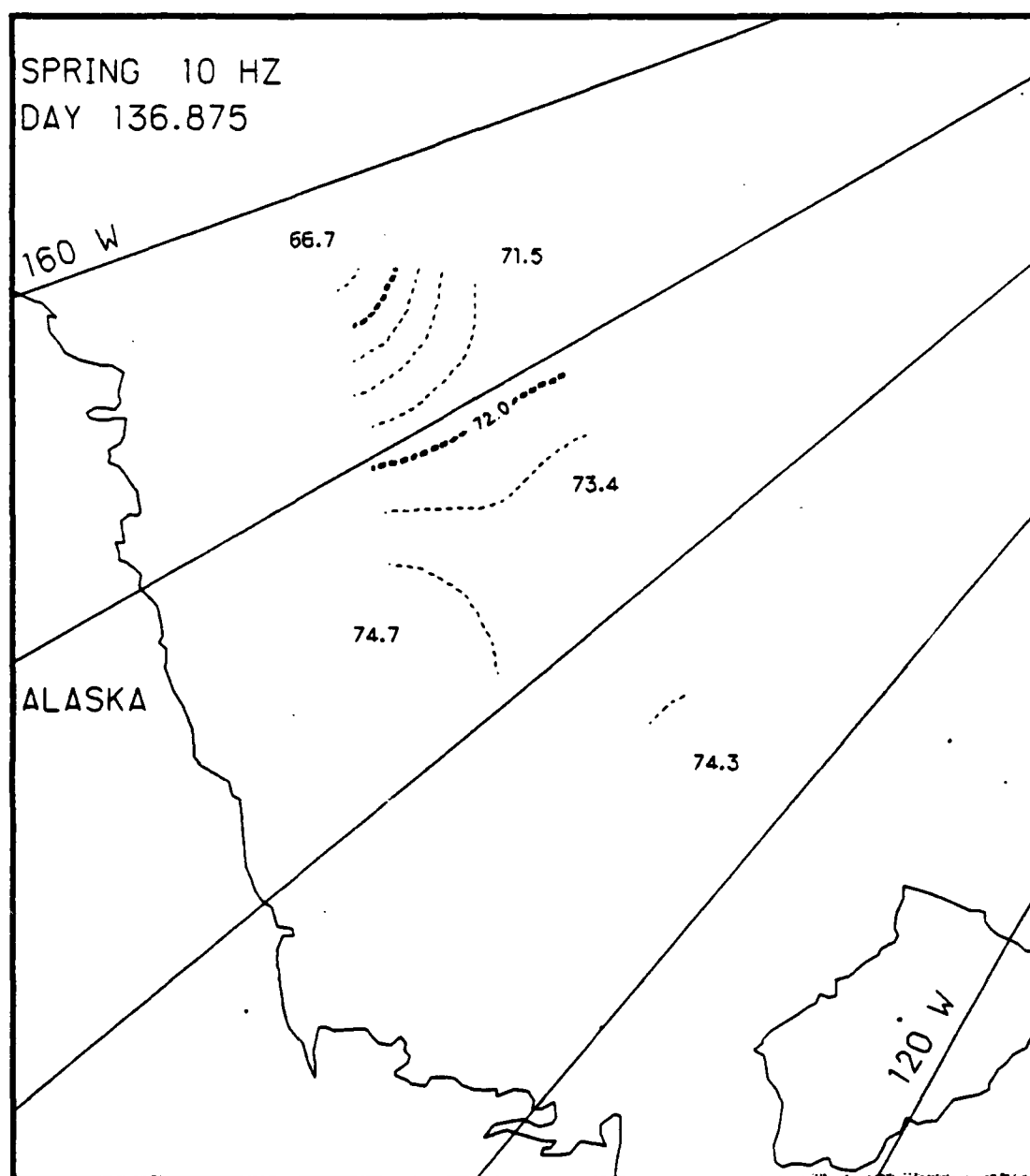


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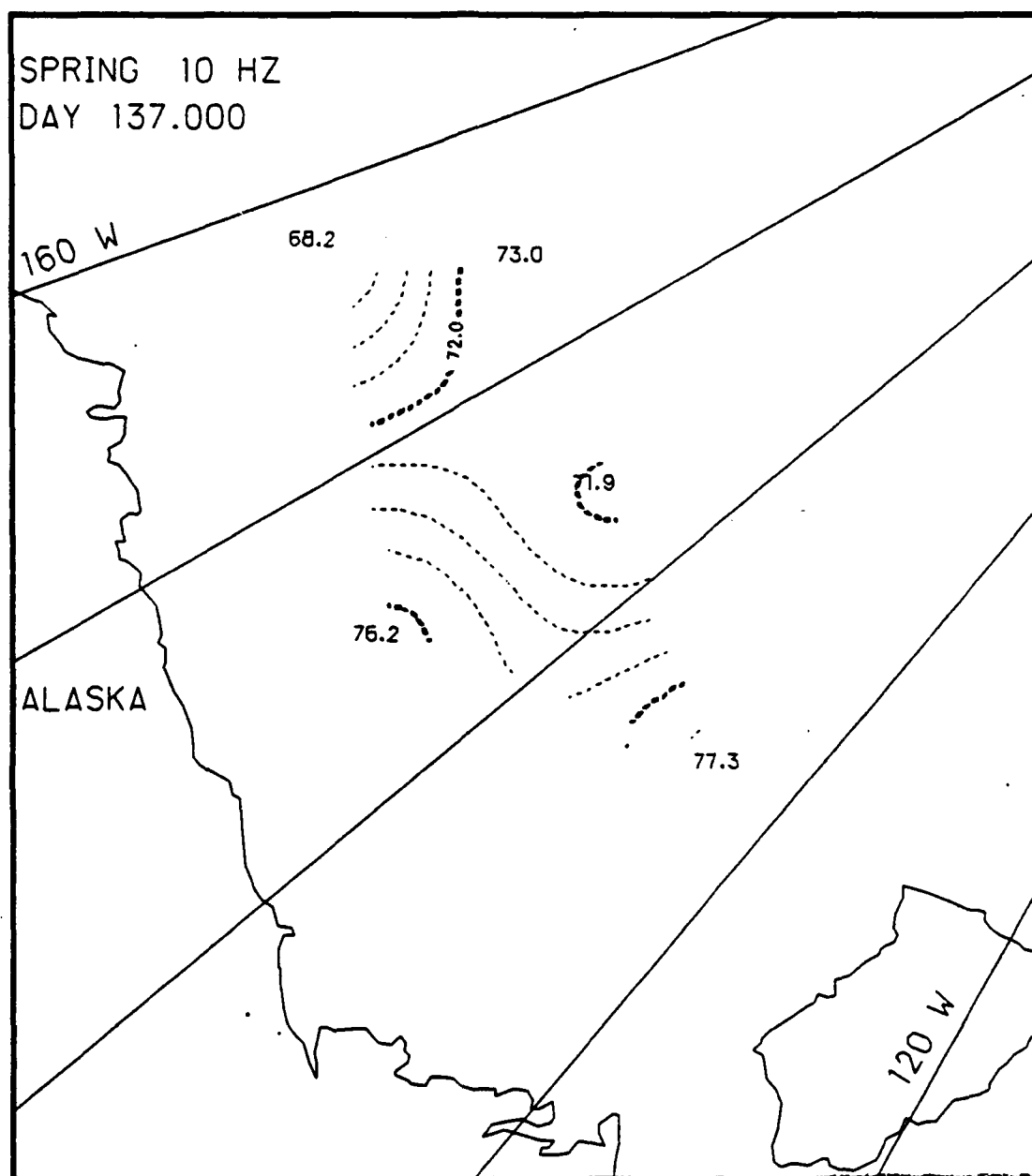


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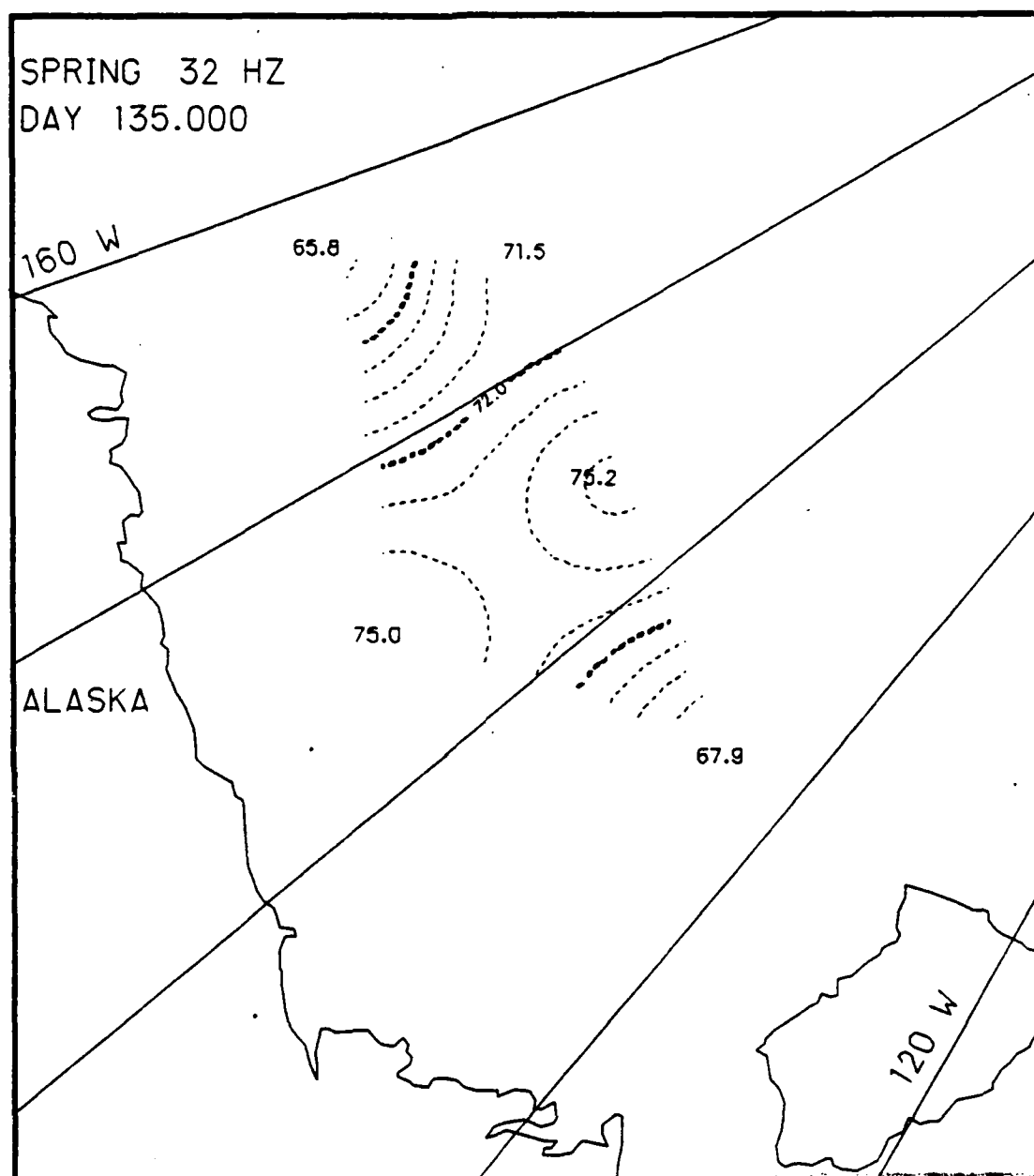


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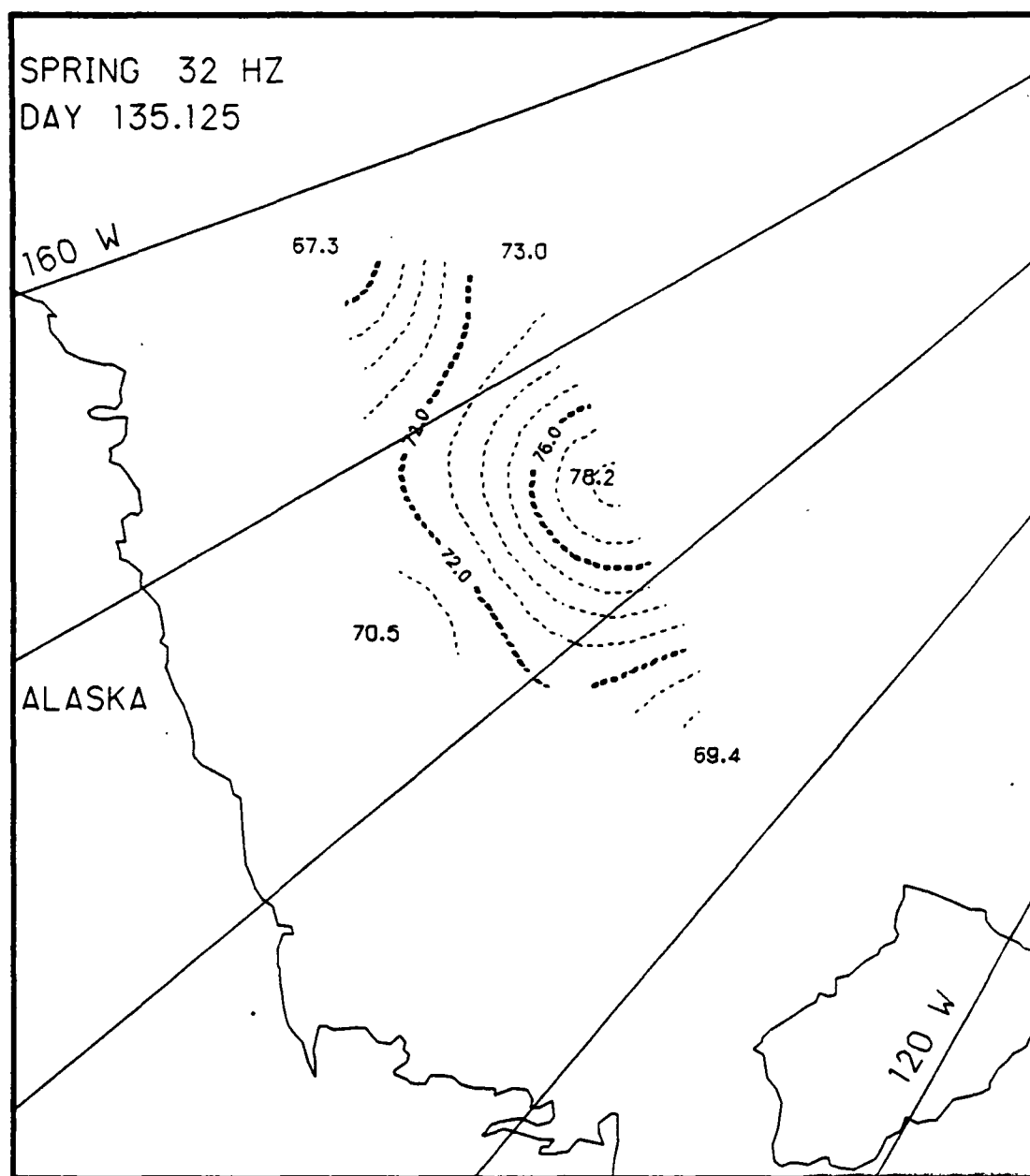


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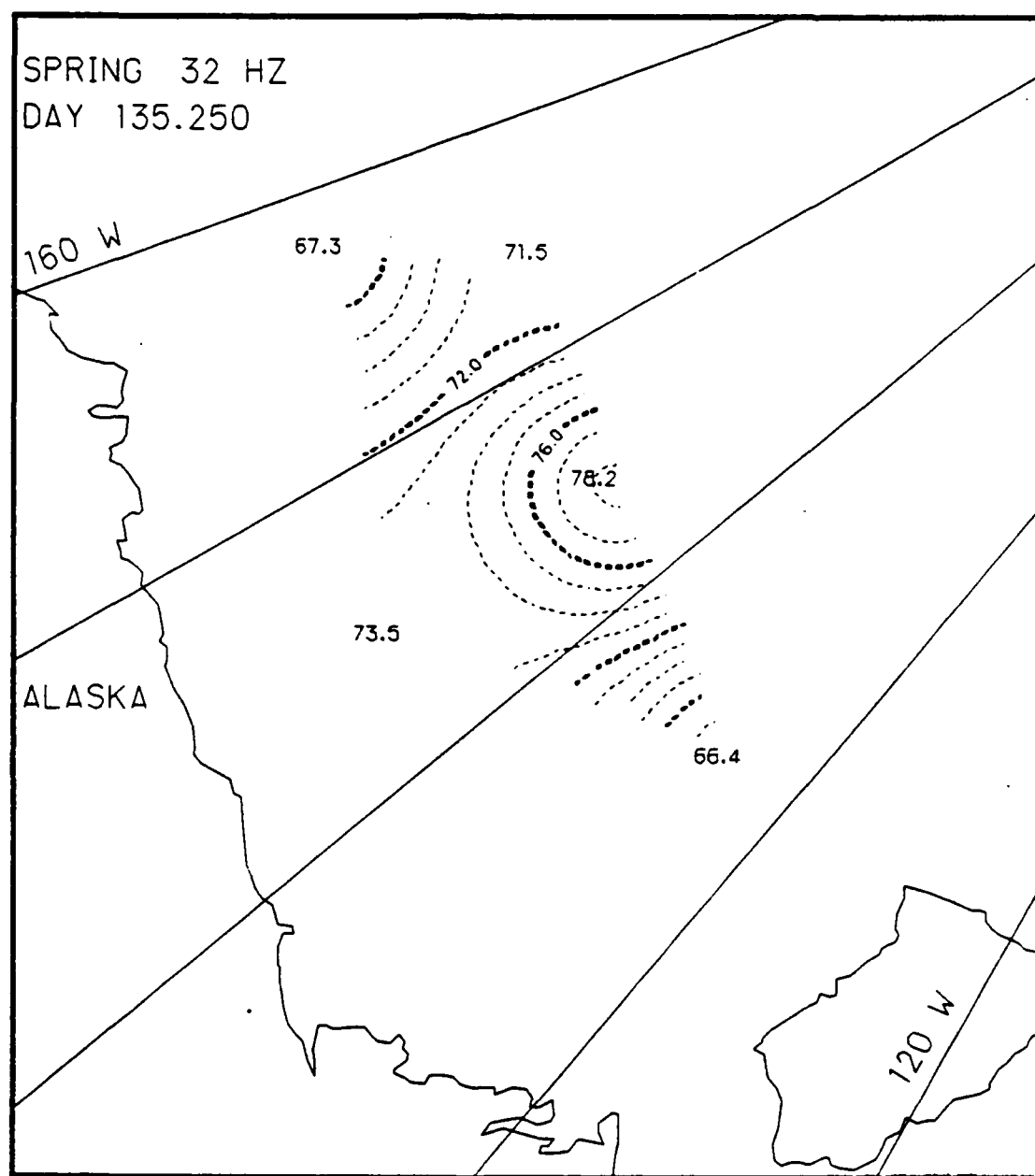


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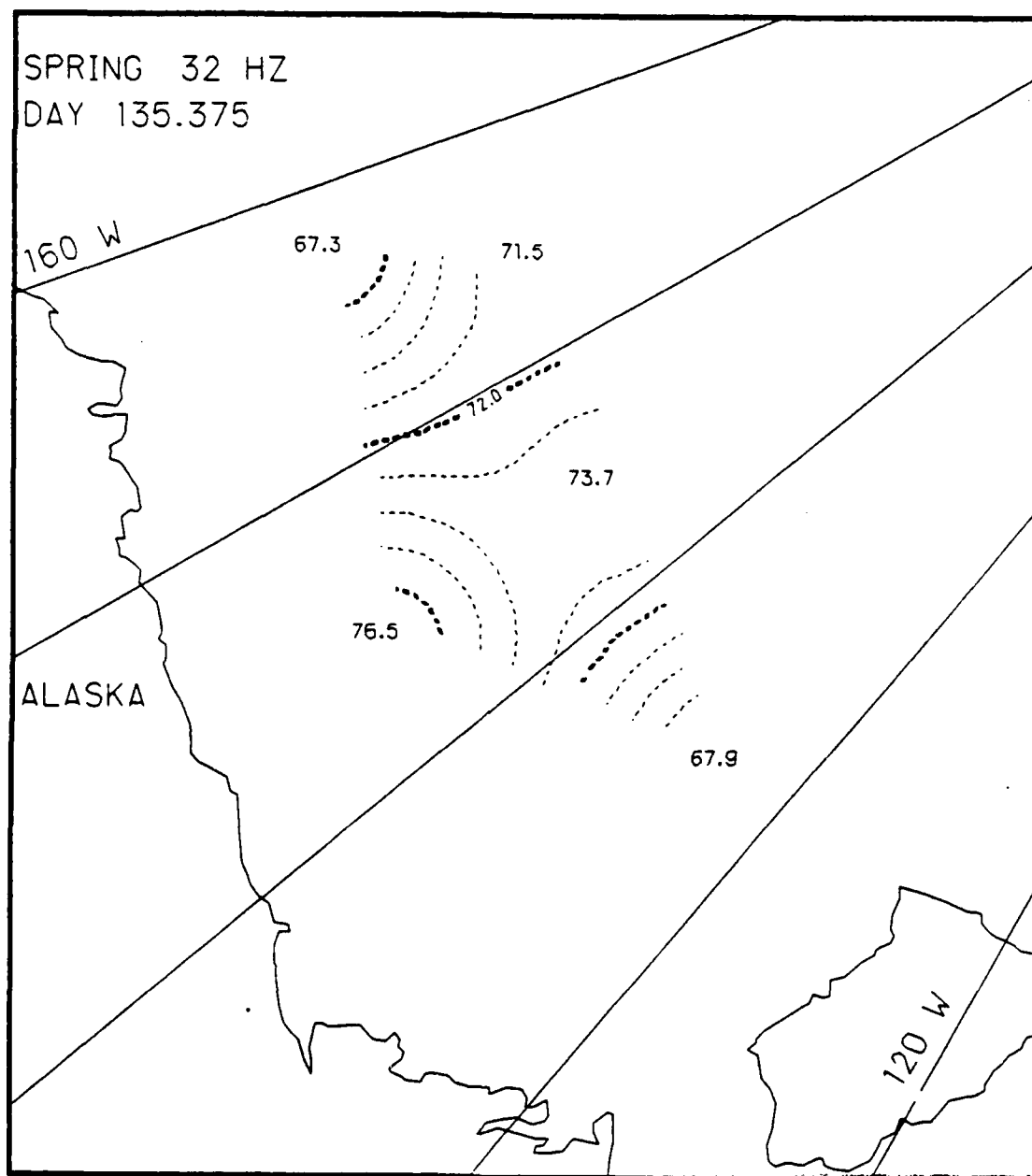


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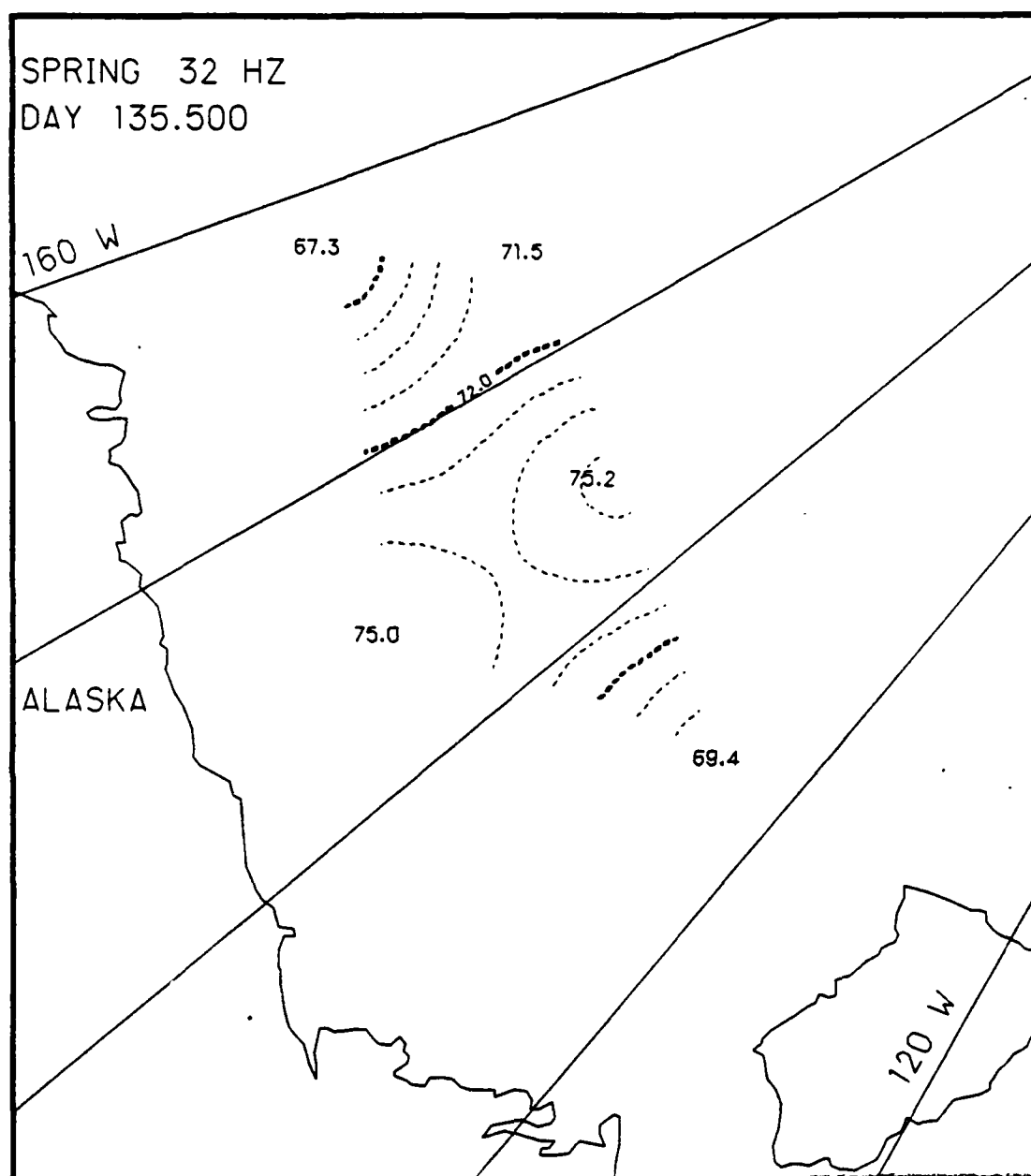


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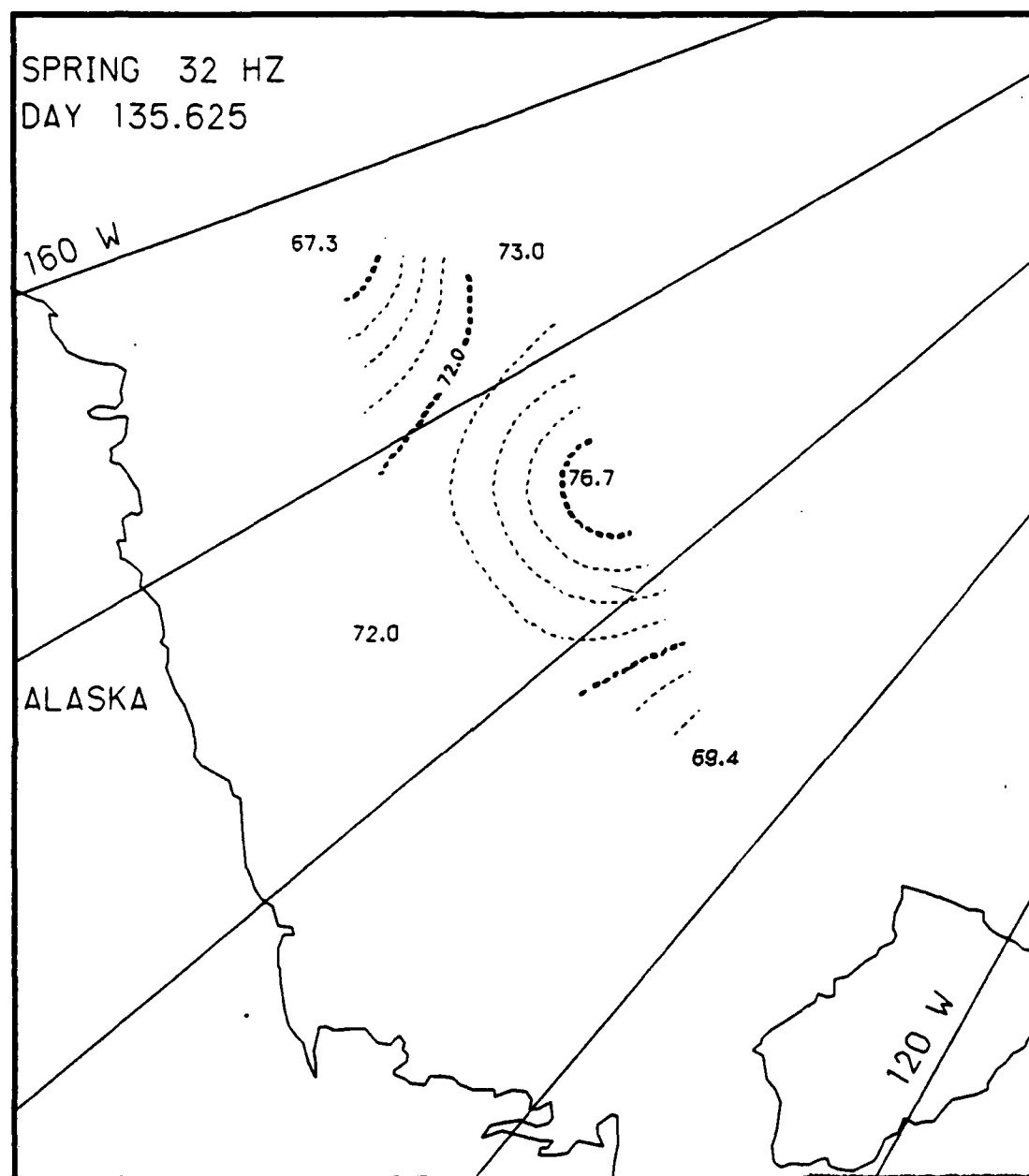


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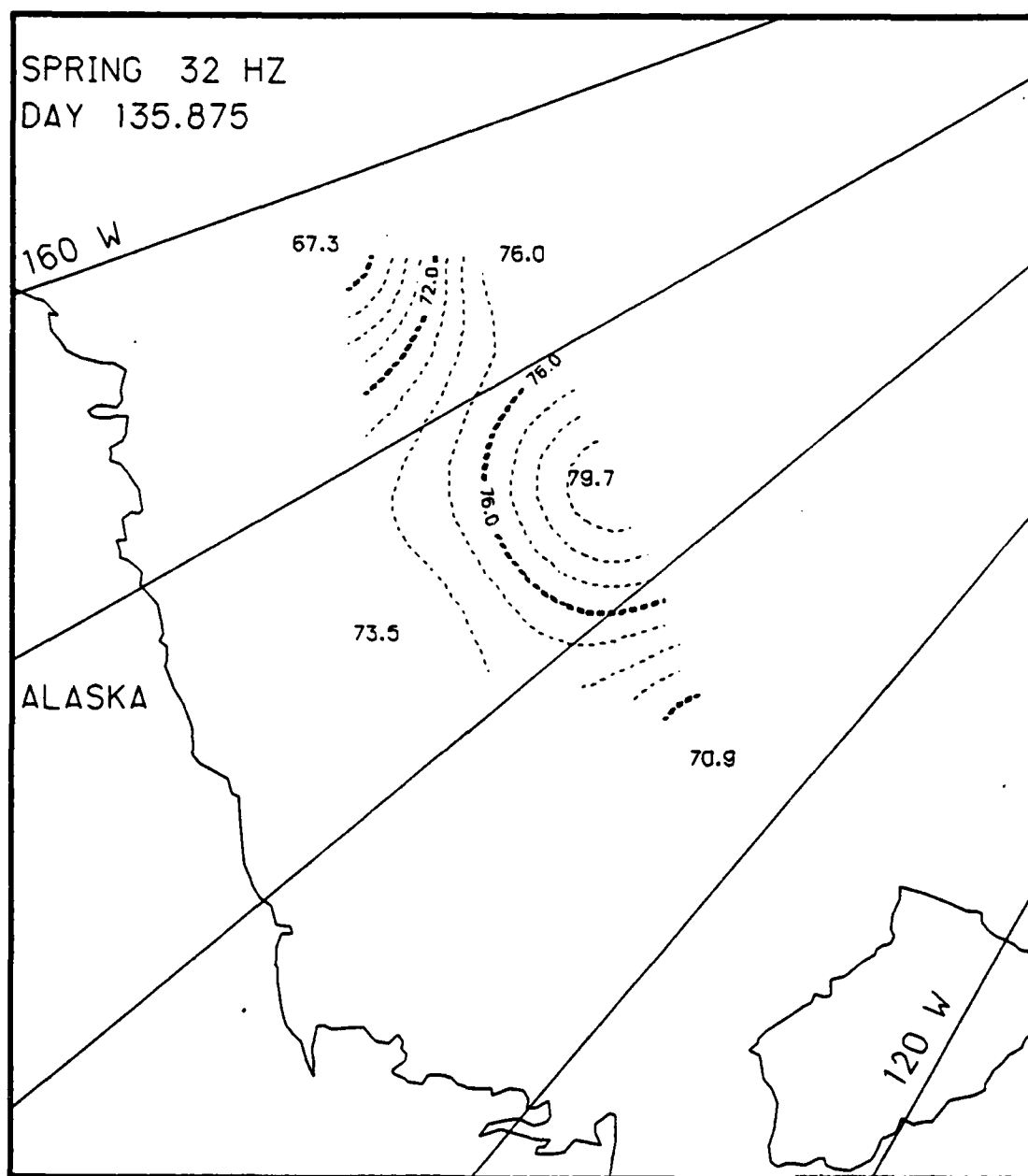


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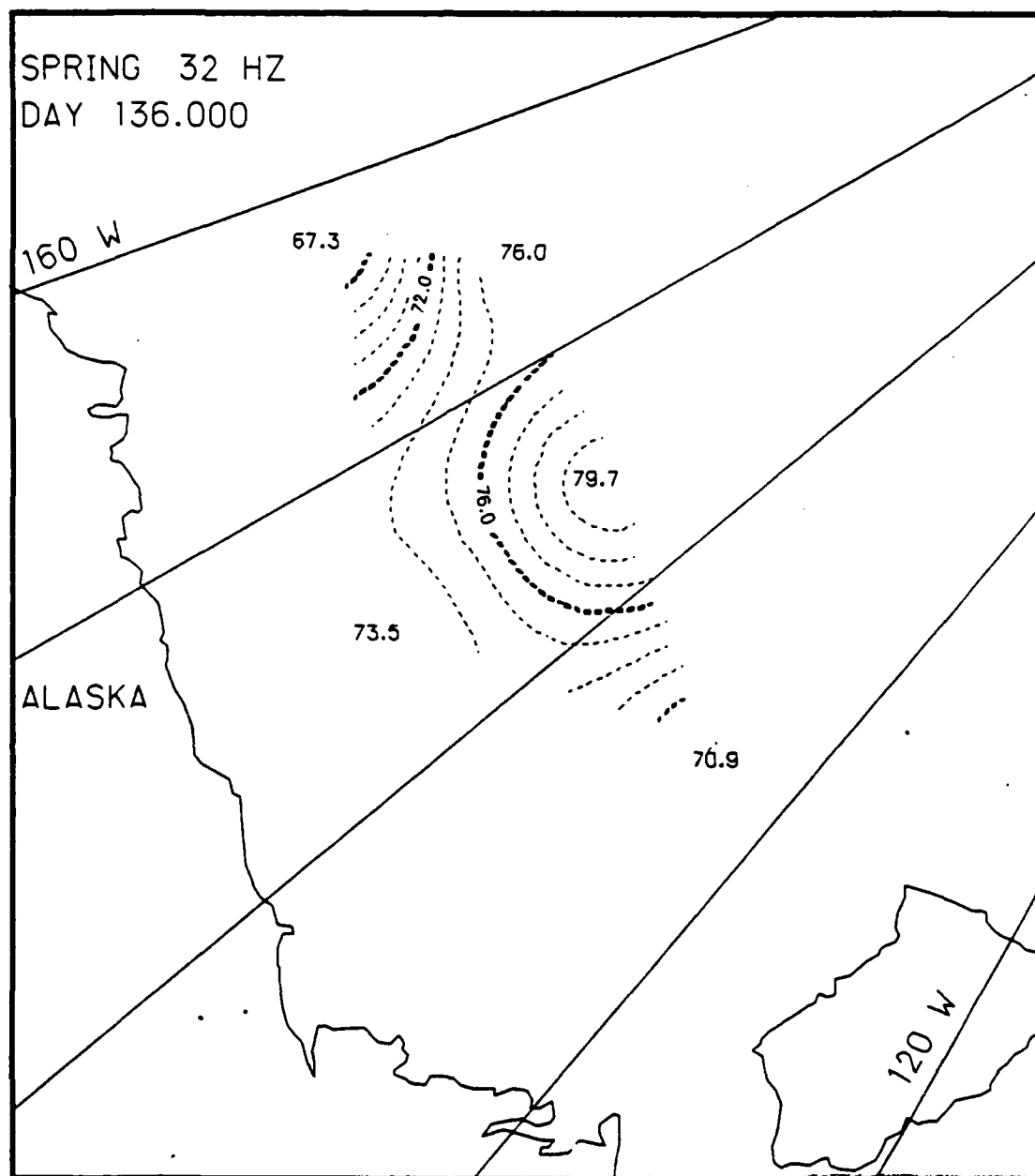


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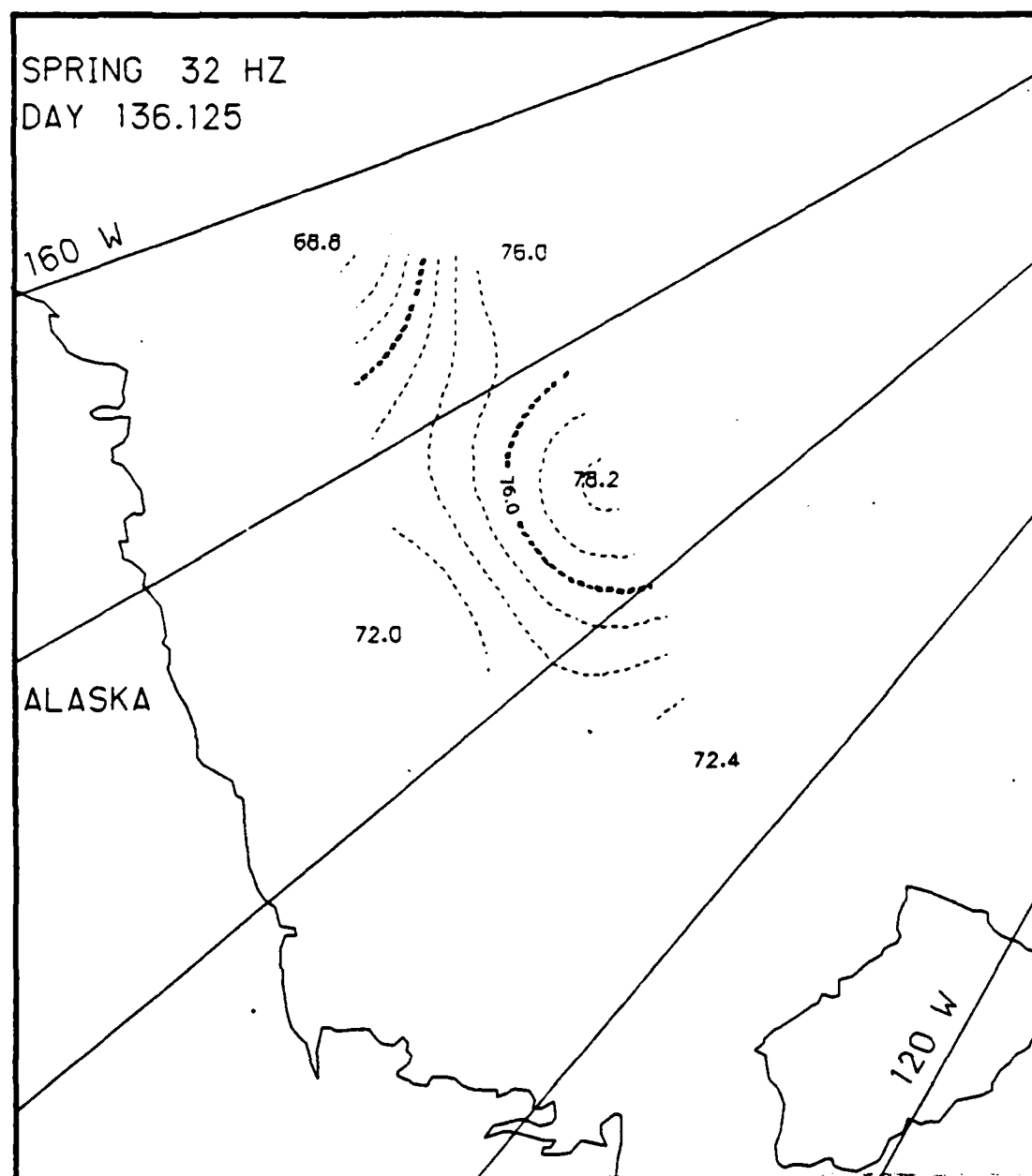


Fig. F.25. Spatial noise variations, day 136.125, based on the AIDJEX 32 Hz noise data.

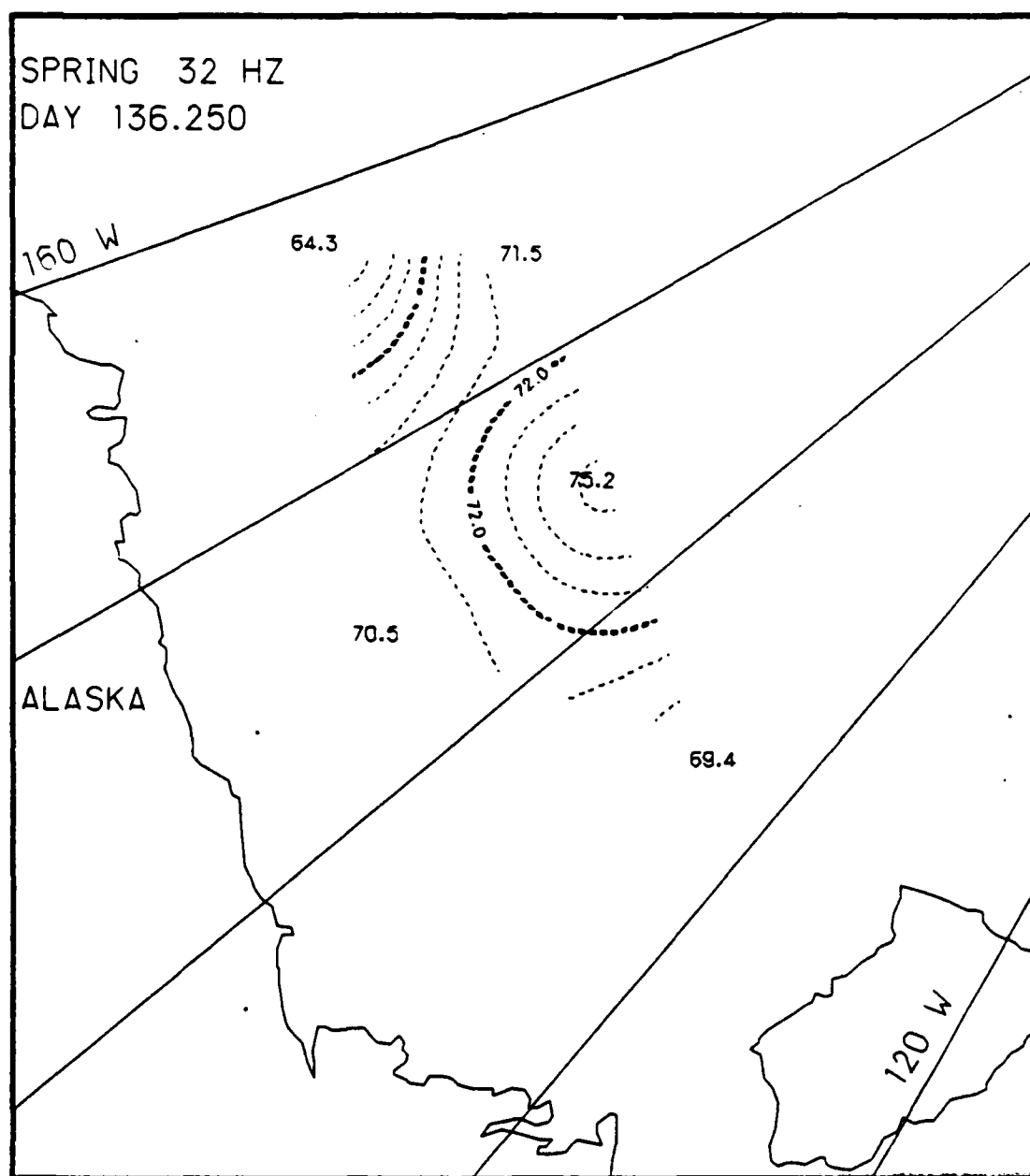


Fig. F.26. Spatial noise variations, day 136.25, based on the AIDJEX 32 Hz noise data.

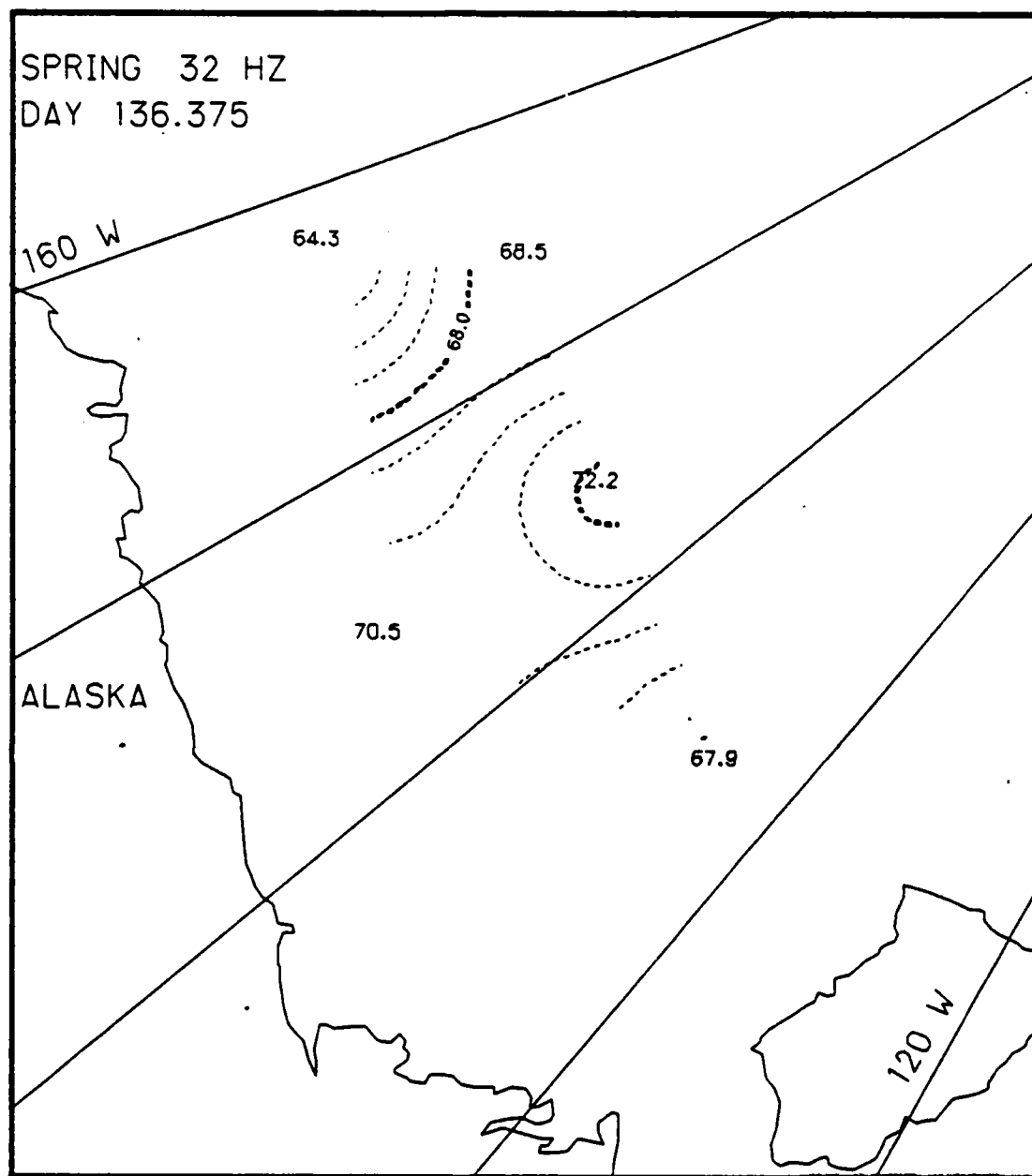


Fig. F.27. Spatial noise variations, day 136.375, based on the AIDJEX 32 Hz noise data.

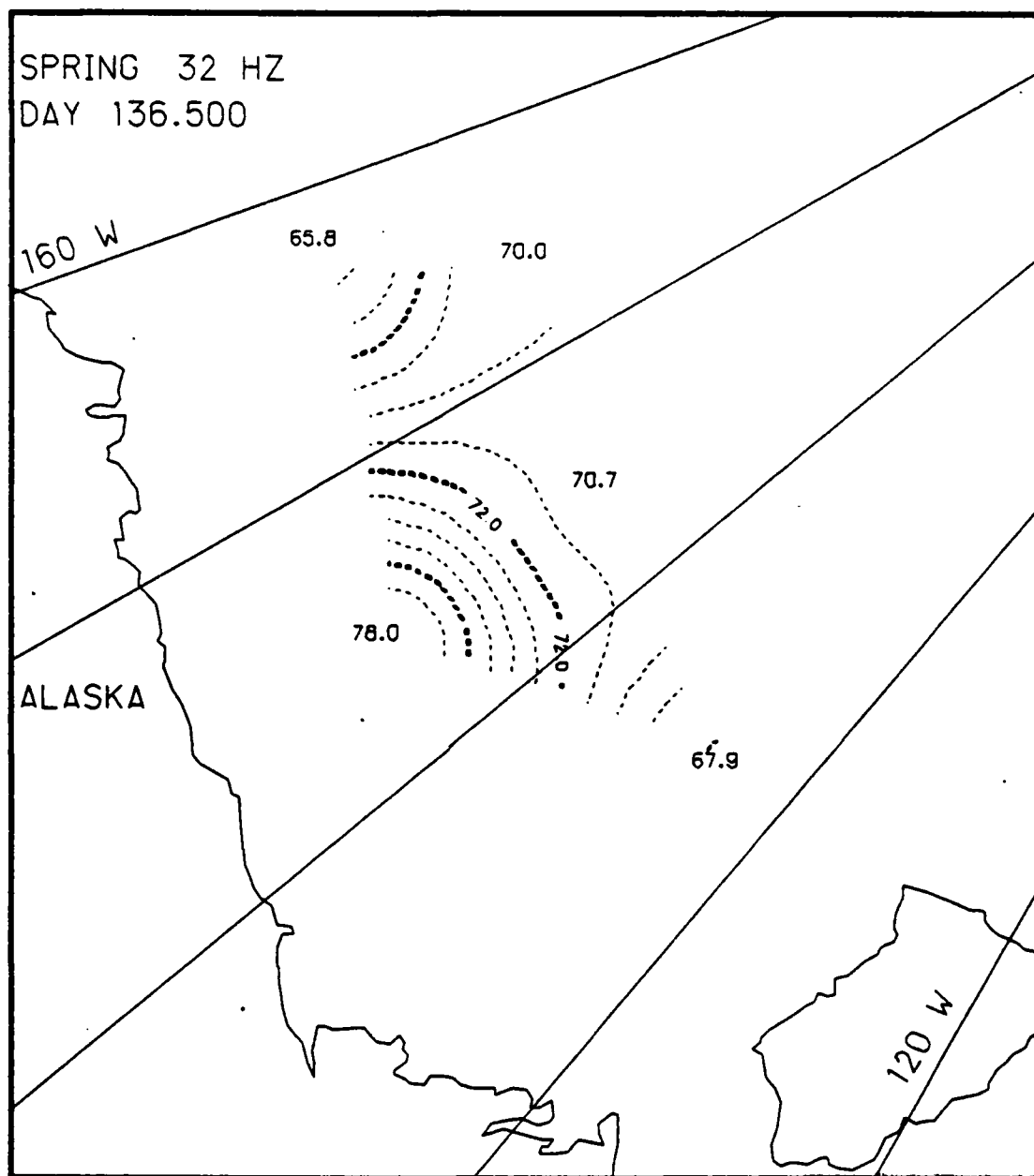


Fig. F.28. Spatial noise variations, day 136.5, based on the AIDJEX 32 Hz noise data.

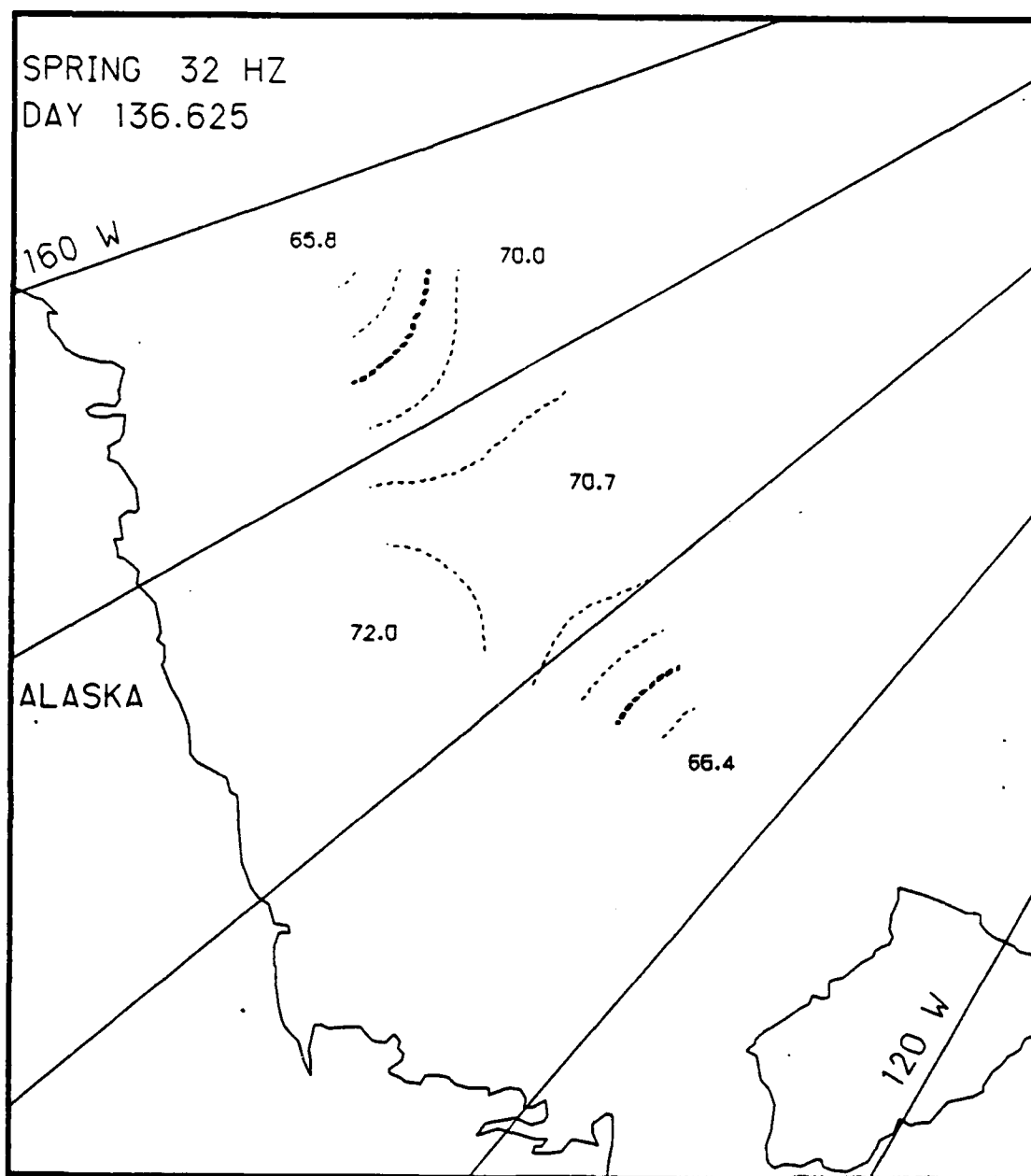


Fig. F.29. Spatial noise variations, day 136.625, based on the AIDJEX 32 Hz noise data.

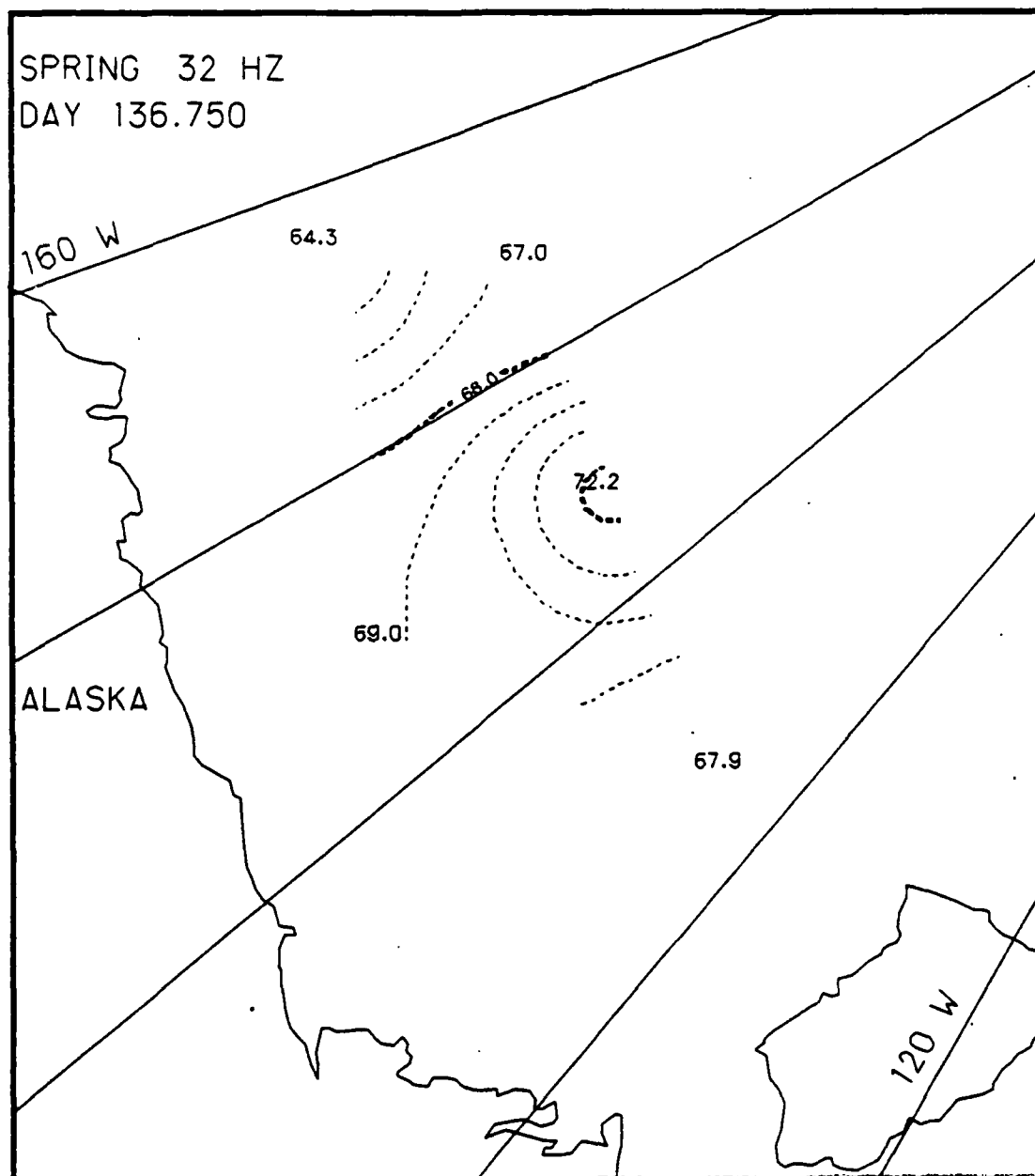


Fig. F.50. Spatial noise variations, day 136.75, based on the AIDJEX 32 Hz noise data.

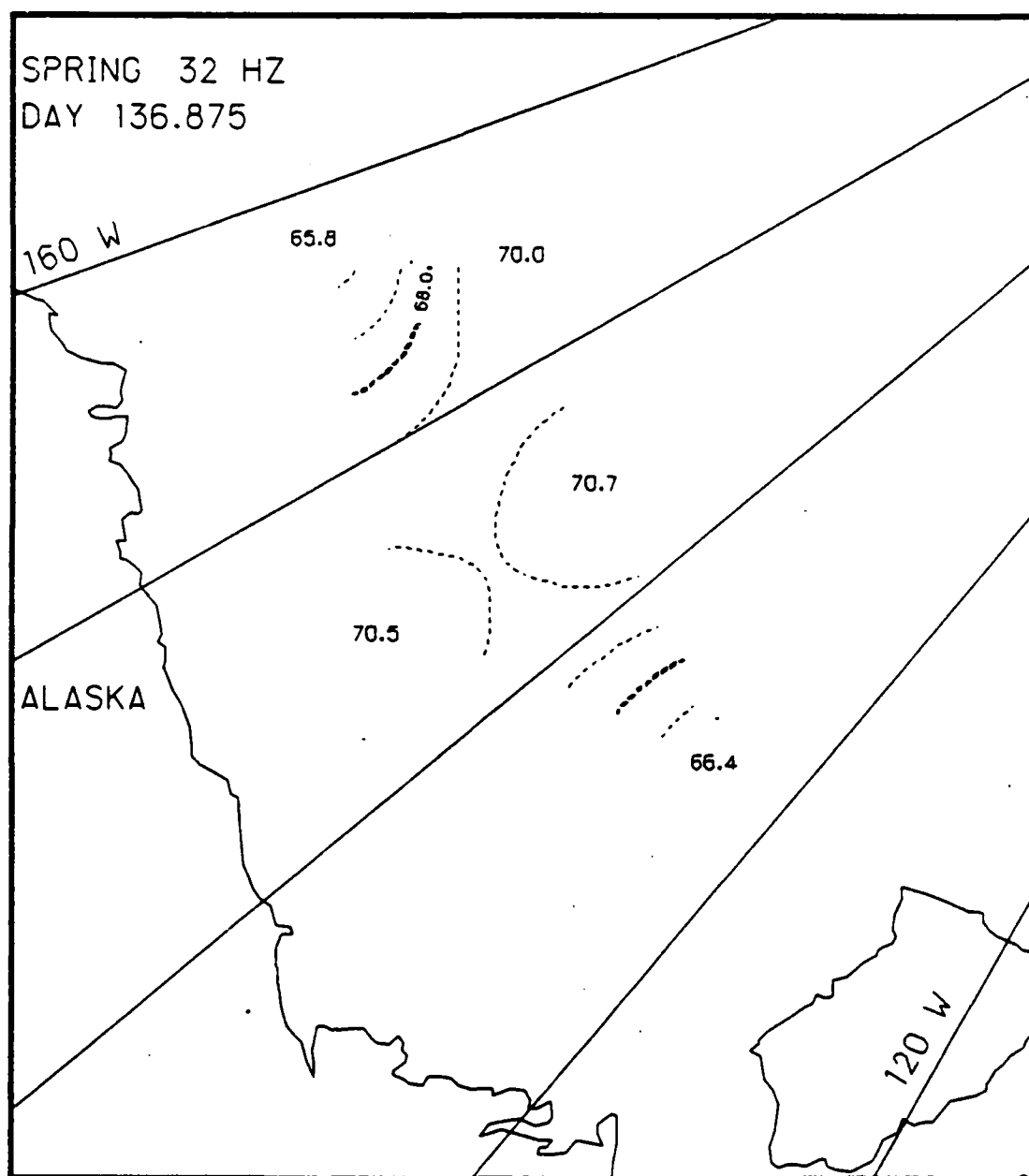


Fig. F.31. Spatial noise variations, day 136.875, based on the AIDJEX 32 Hz noise data.

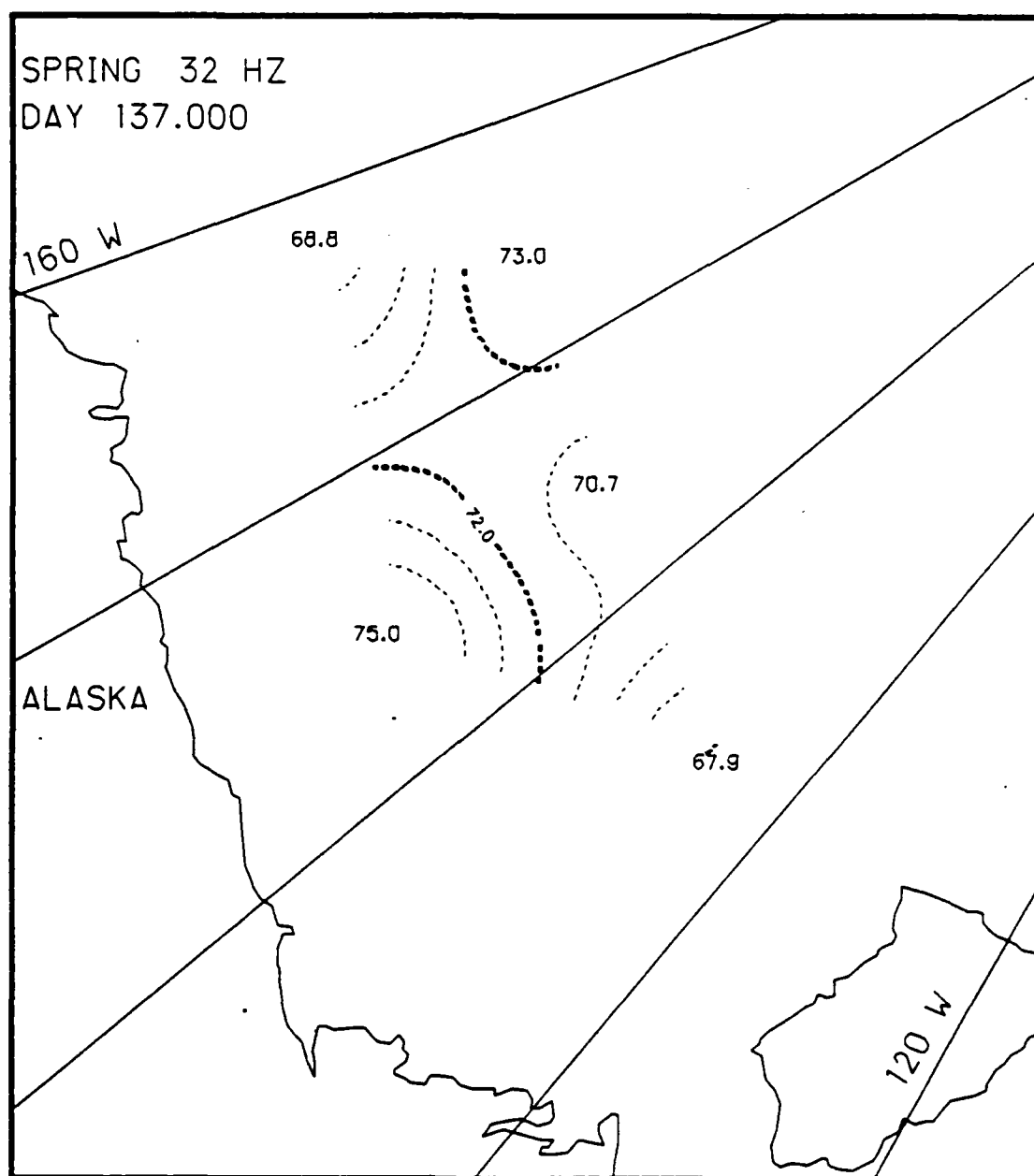


Fig. F.32. Spatial noise variations, day 137.0, based on the AIDJEX 32 Hz noise data.

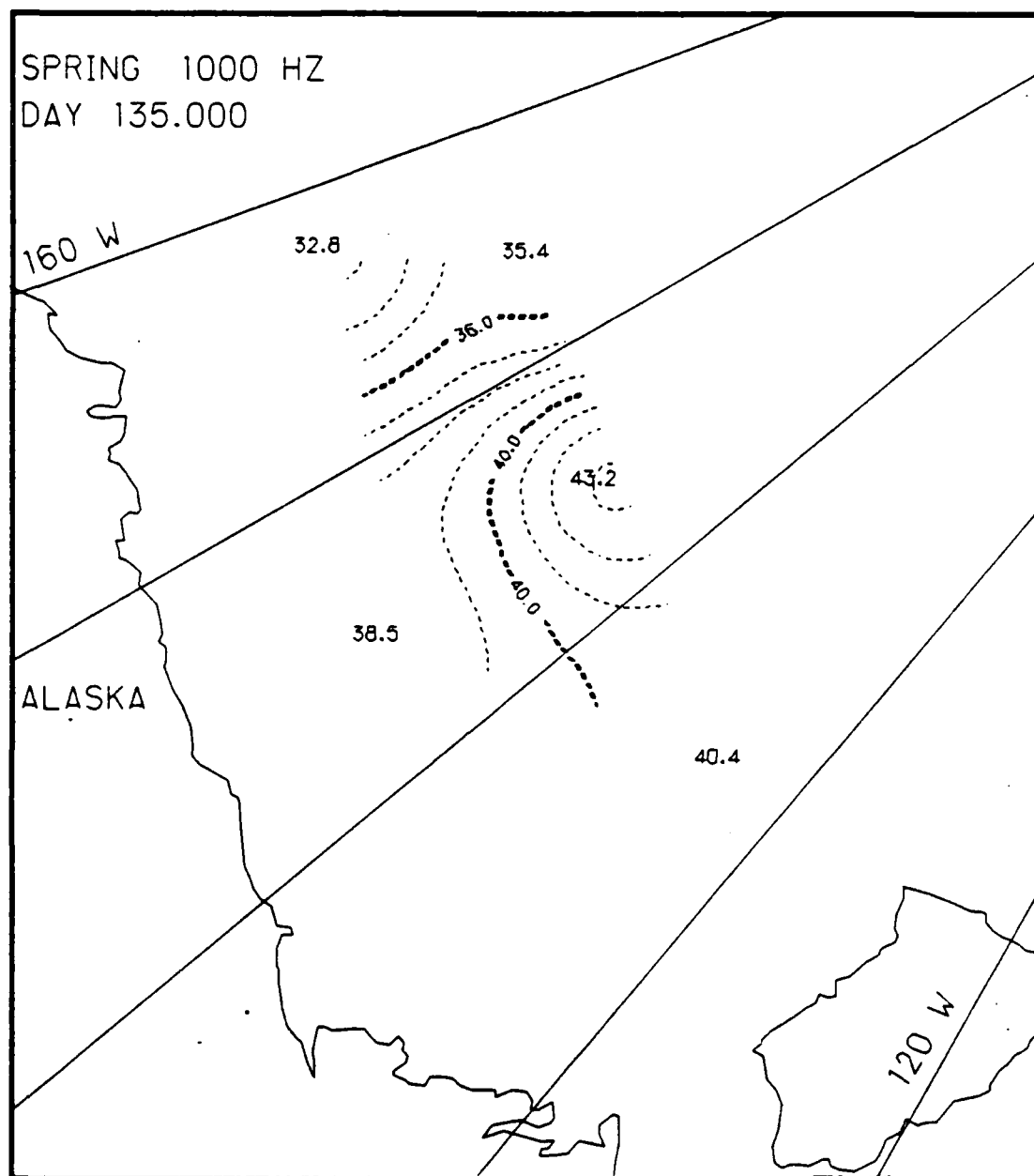


Fig. F.33. Spatial noise variations, day 135.0, based on the AIDJEX 1000 Hz noise data.

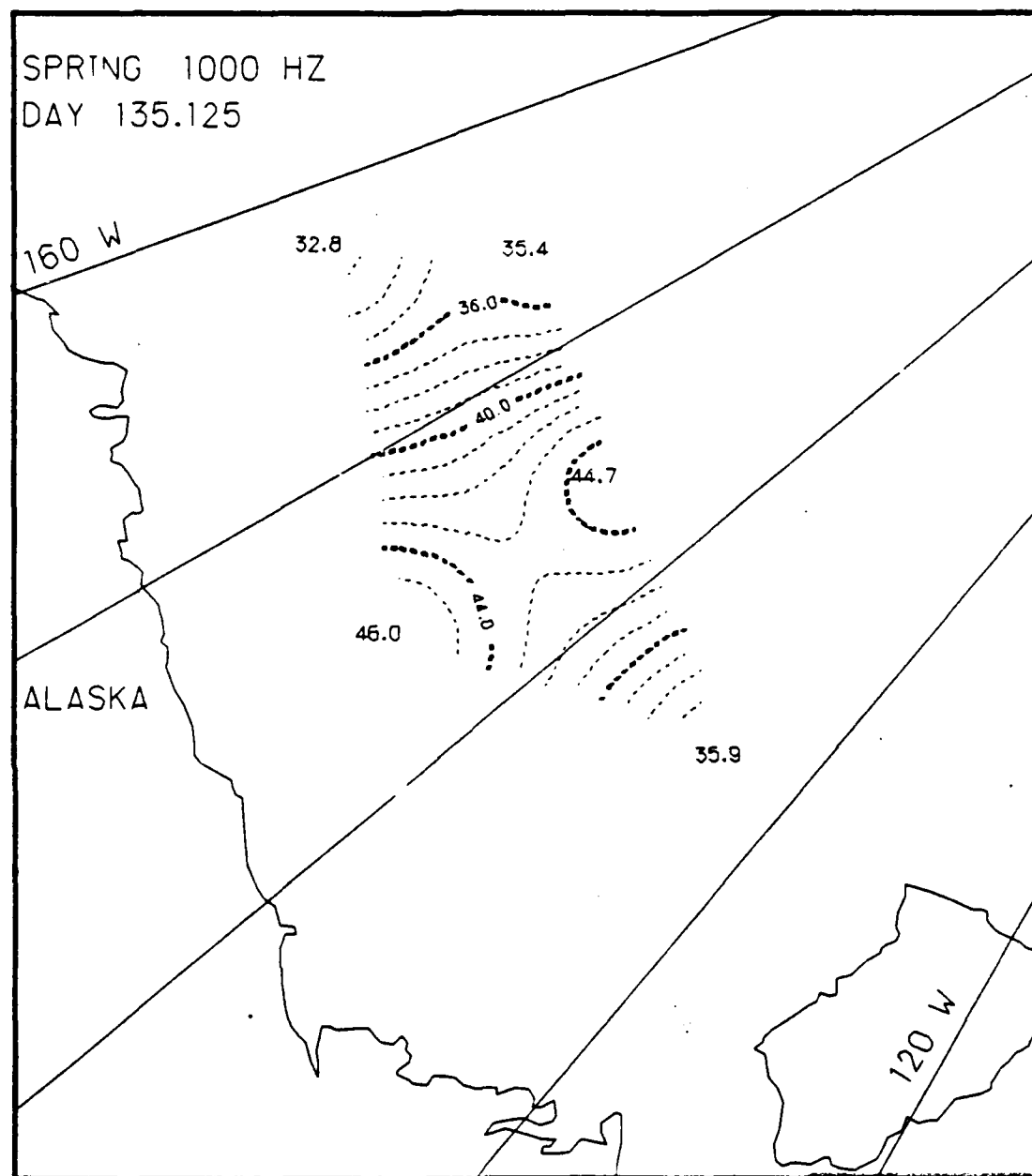


Fig. F.34. Spatial noise variations, day 135.125, based on the AIDJEX 1000 Hz noise data.

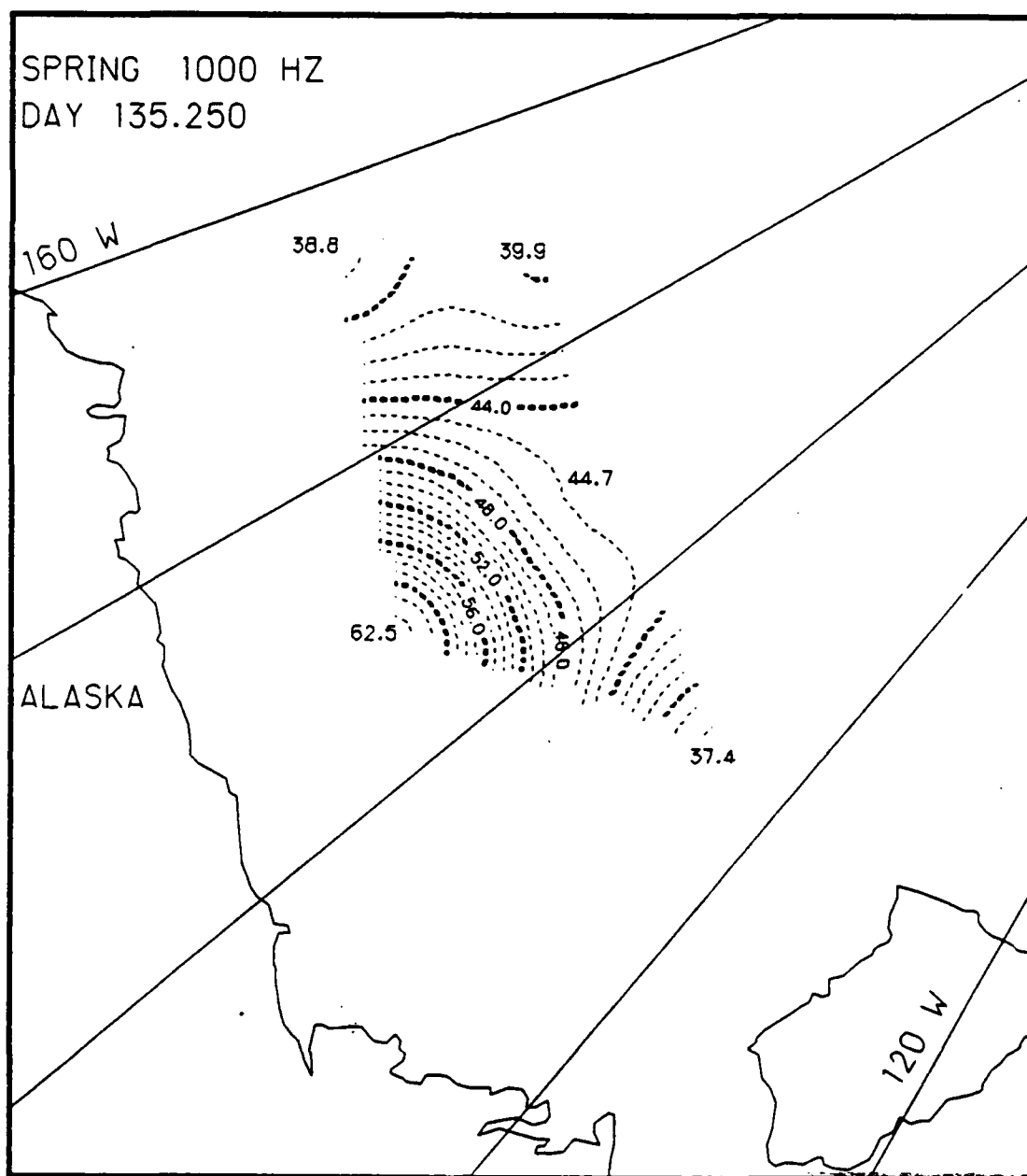


Fig. F.35. Spatial noise variations, day 135.25, based on the AIDJEX 1000 Hz noise data.

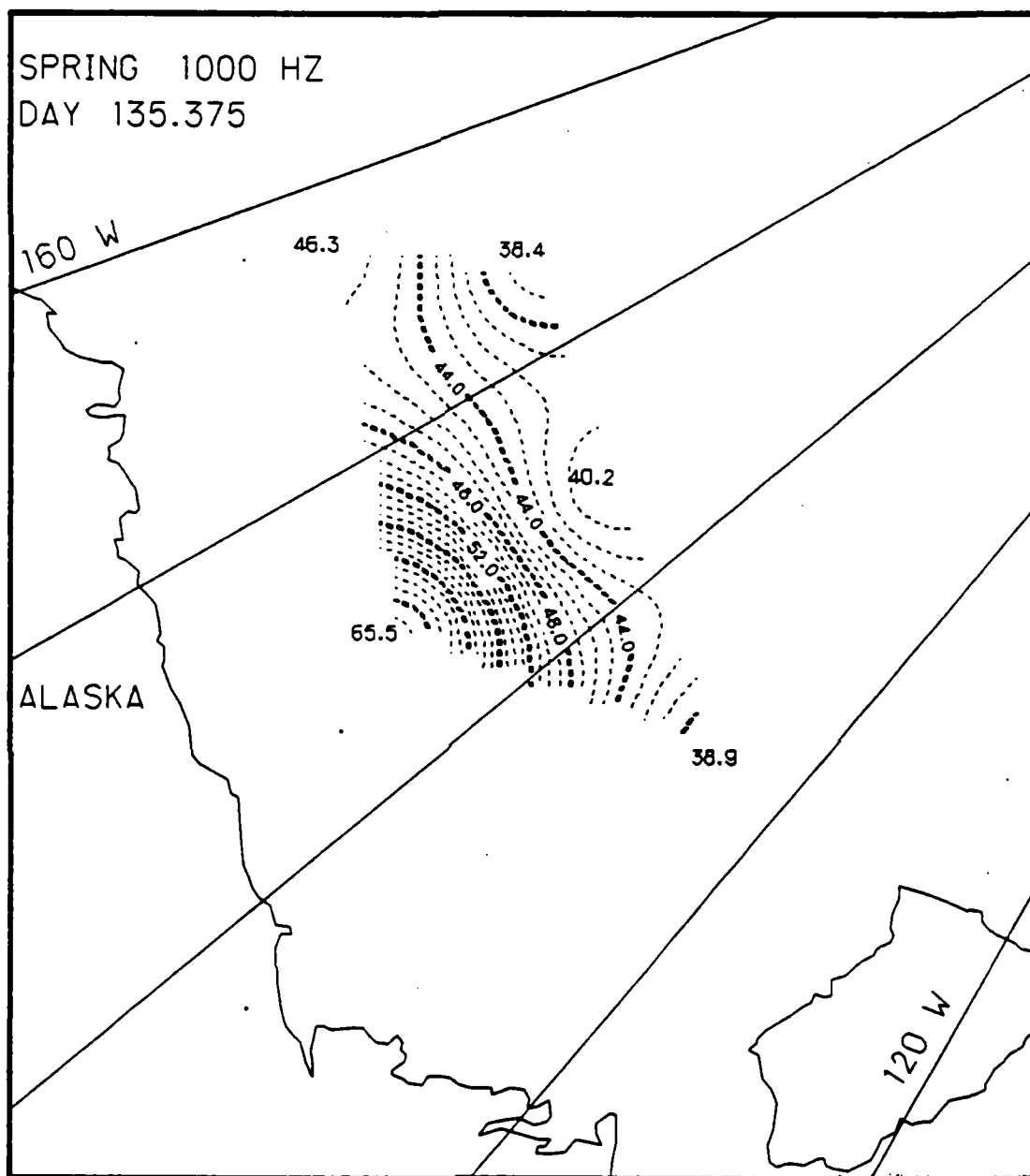


Fig. F.36. Spatial noise variations, day 135.375, based on the AIDJEX 1000 Hz noise data.

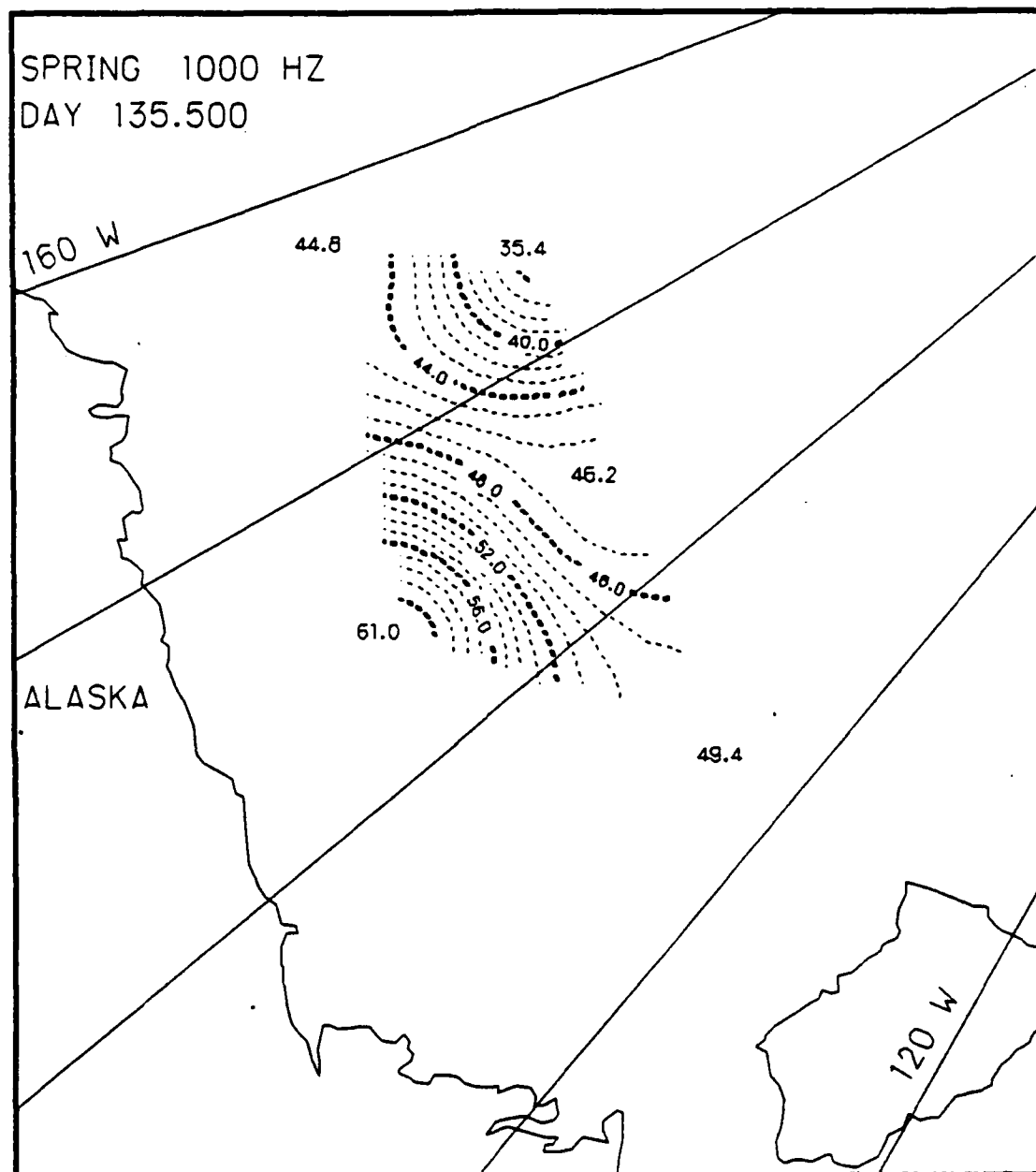


Fig. F.37. Spatial noise variations, day 135.5, based on the AIDJEX 1000 Hz noise data.

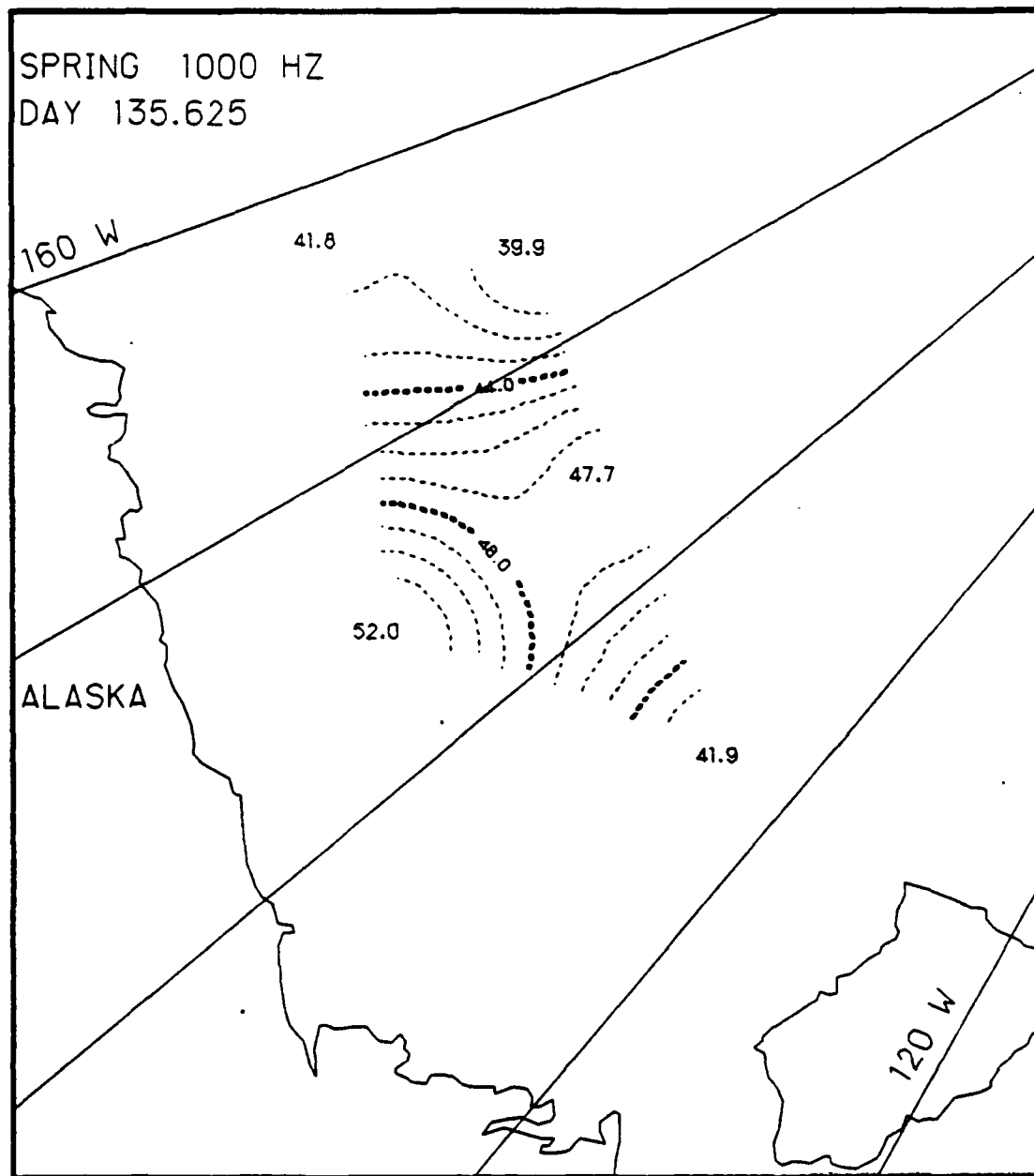


Fig. F.38. Spatial noise variations, day 135.625, based on the AIDJEX 1000 Hz noise data.

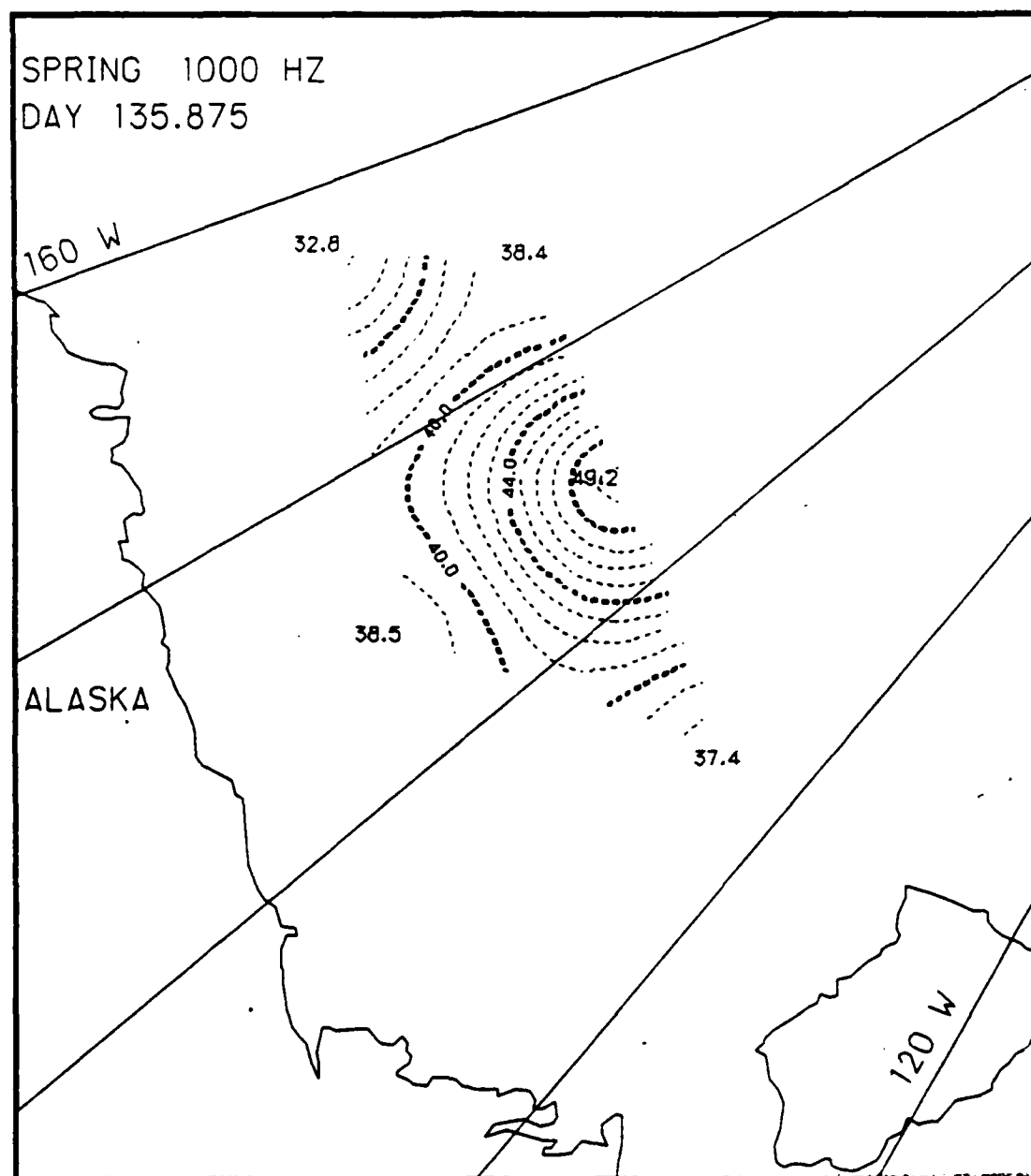


Fig. F.39. Spatial noise variations, day 135.875, based on the AIDJEX 1000 Hz noise data.

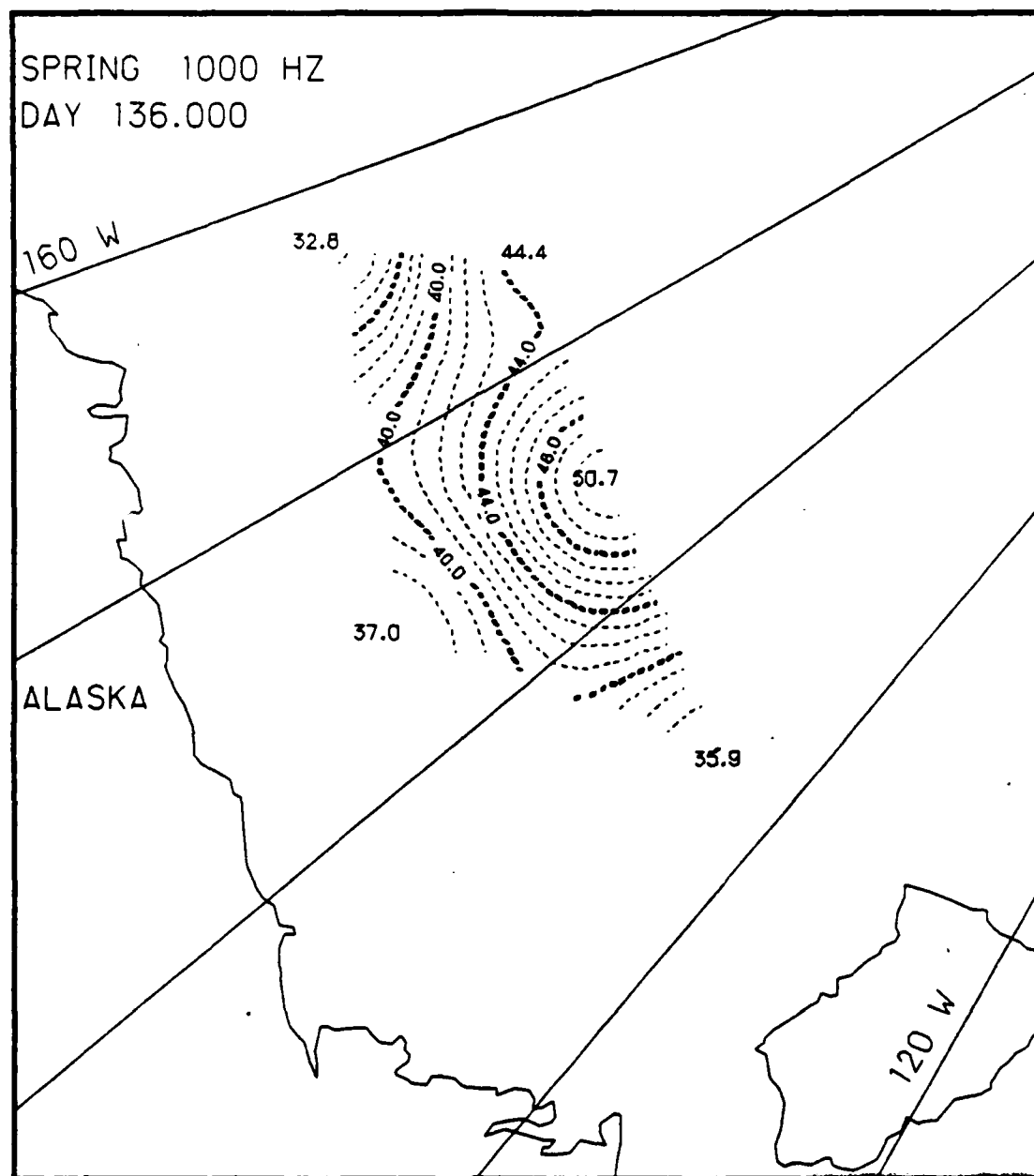


Fig. F.40. Spatial noise variations, day 136.0, based on the AIDJEX 1000 Hz noise data.

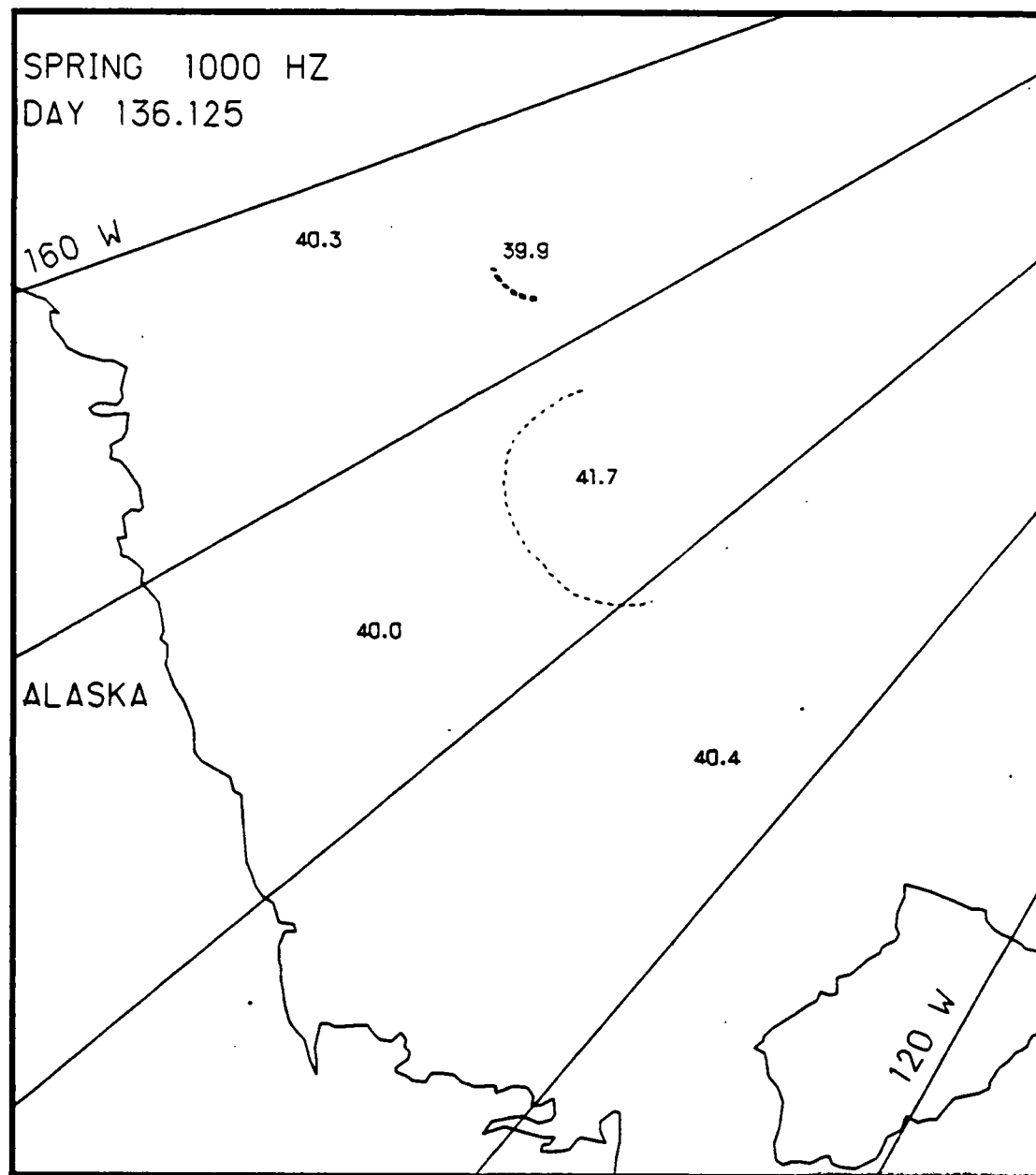


Fig. F.41. Spatial noise variations, day 136.125, based on the AIDJEX 1000 Hz noise data.

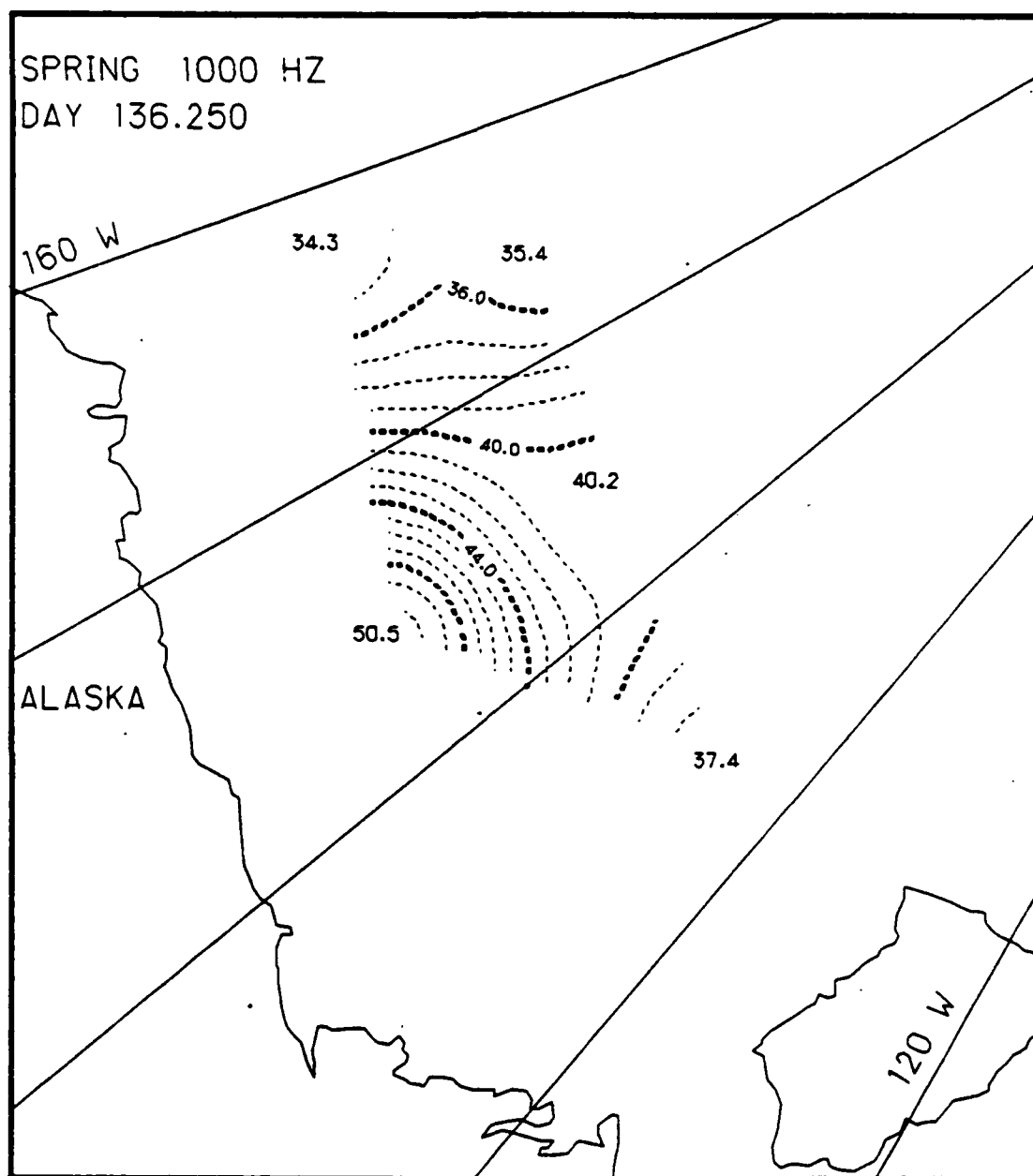


Fig. F.42. Spatial noise variations, day 136.25, based on the AIDJEX 1000 Hz noise data.

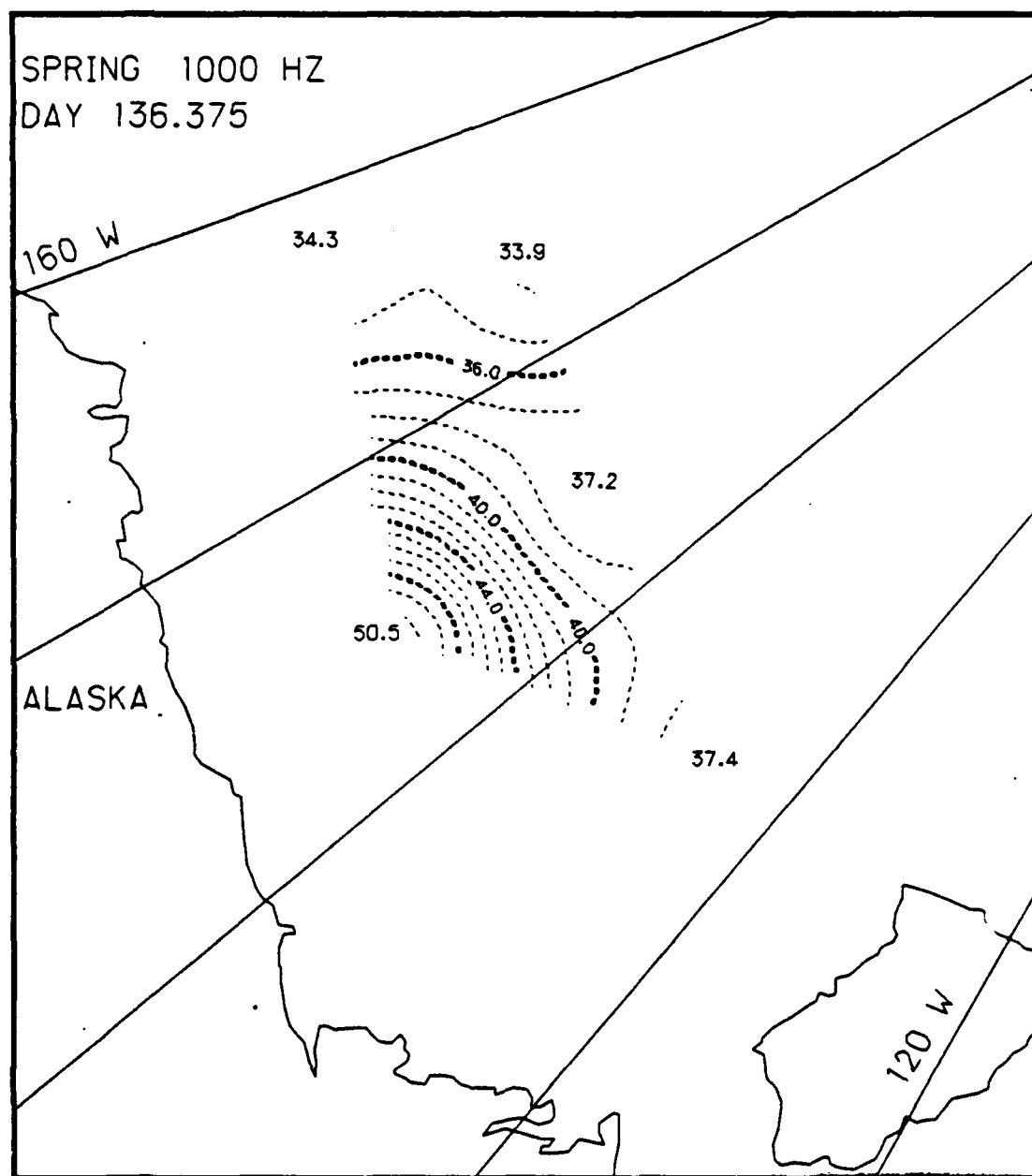


Fig. F.43. Spatial noise variations, day 136.375, based on the AIDJEX 1000 Hz noise data.

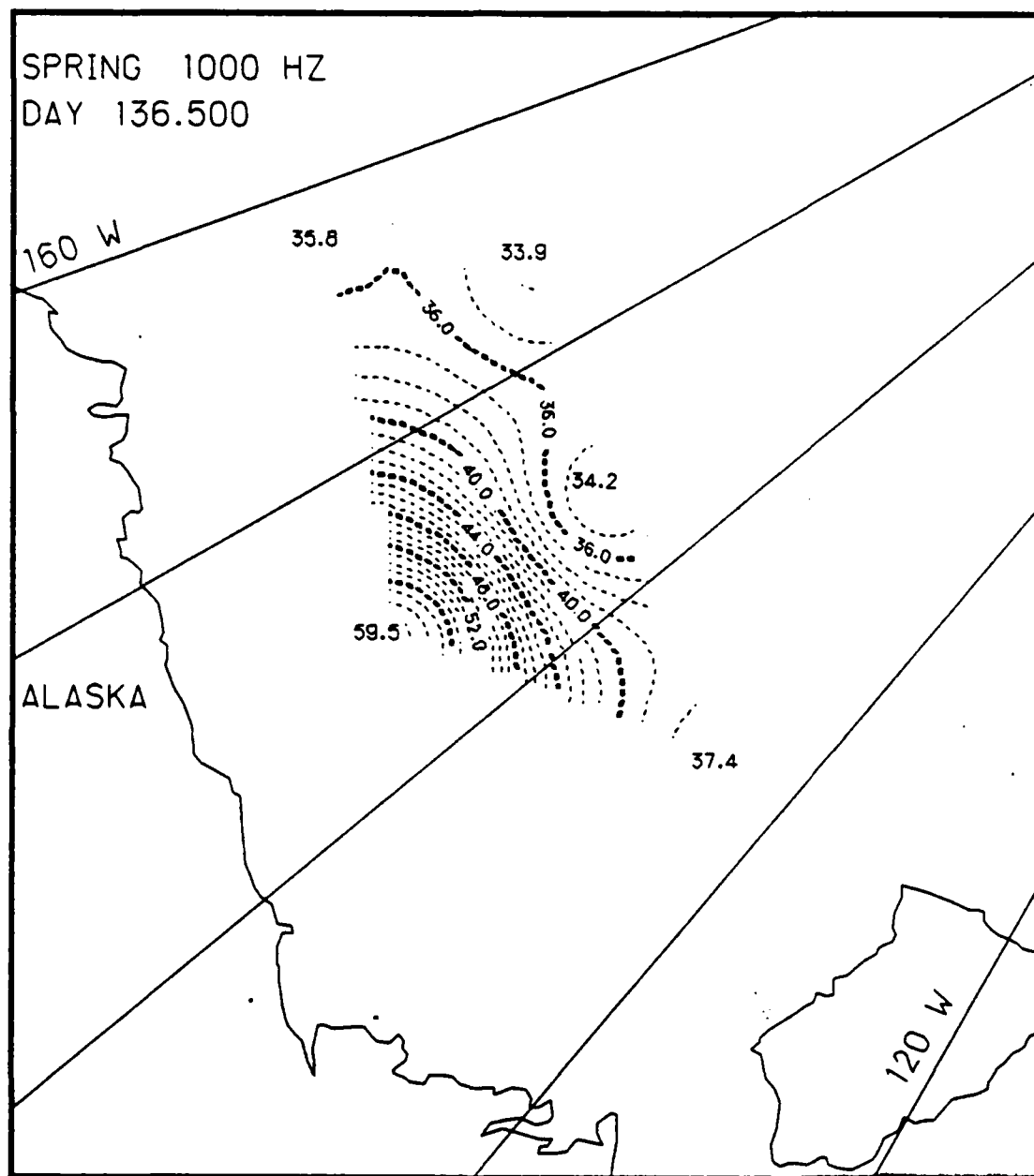


Fig. F.44. Spatial noise variations, day 136.5, based on the AIDJEX 1000 Hz noise data.

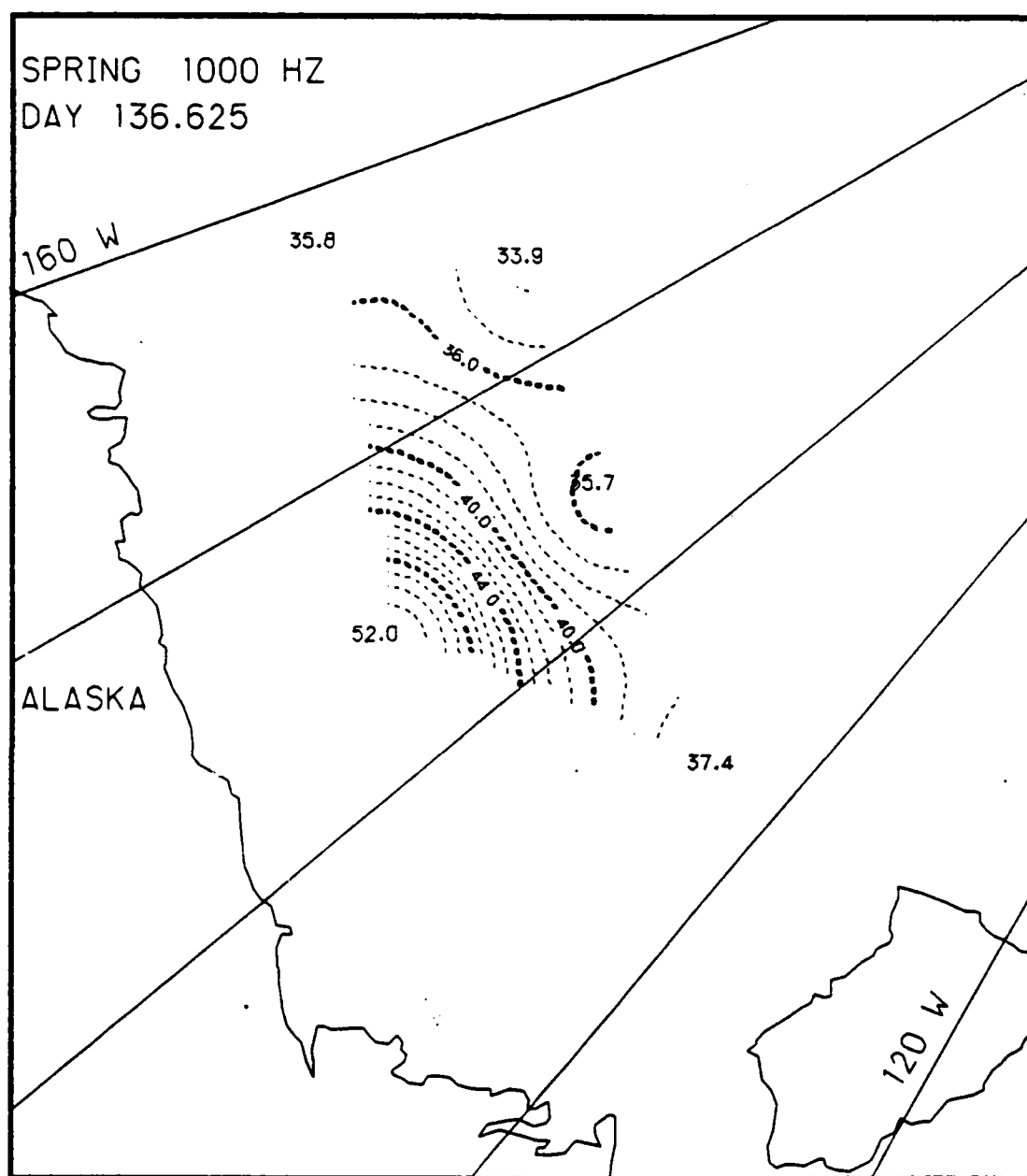


Fig. F.45. Spatial noise variations, day 136.625, based on the AIDJEX 1000 Hz noise data.

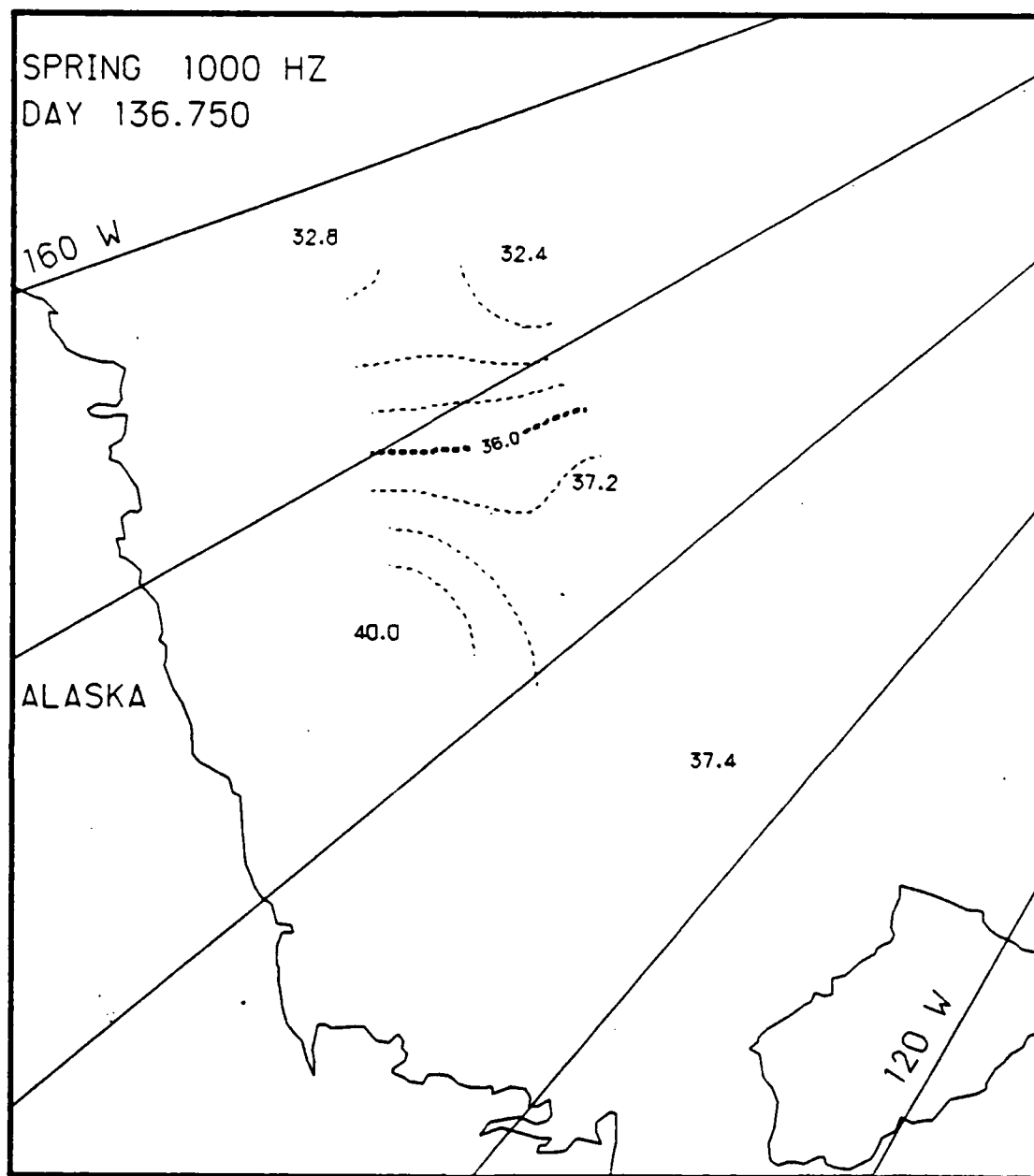


Fig. F.46. Spatial noise variations, day 136.75, based on the AIDJEX 1000 Hz noise data.

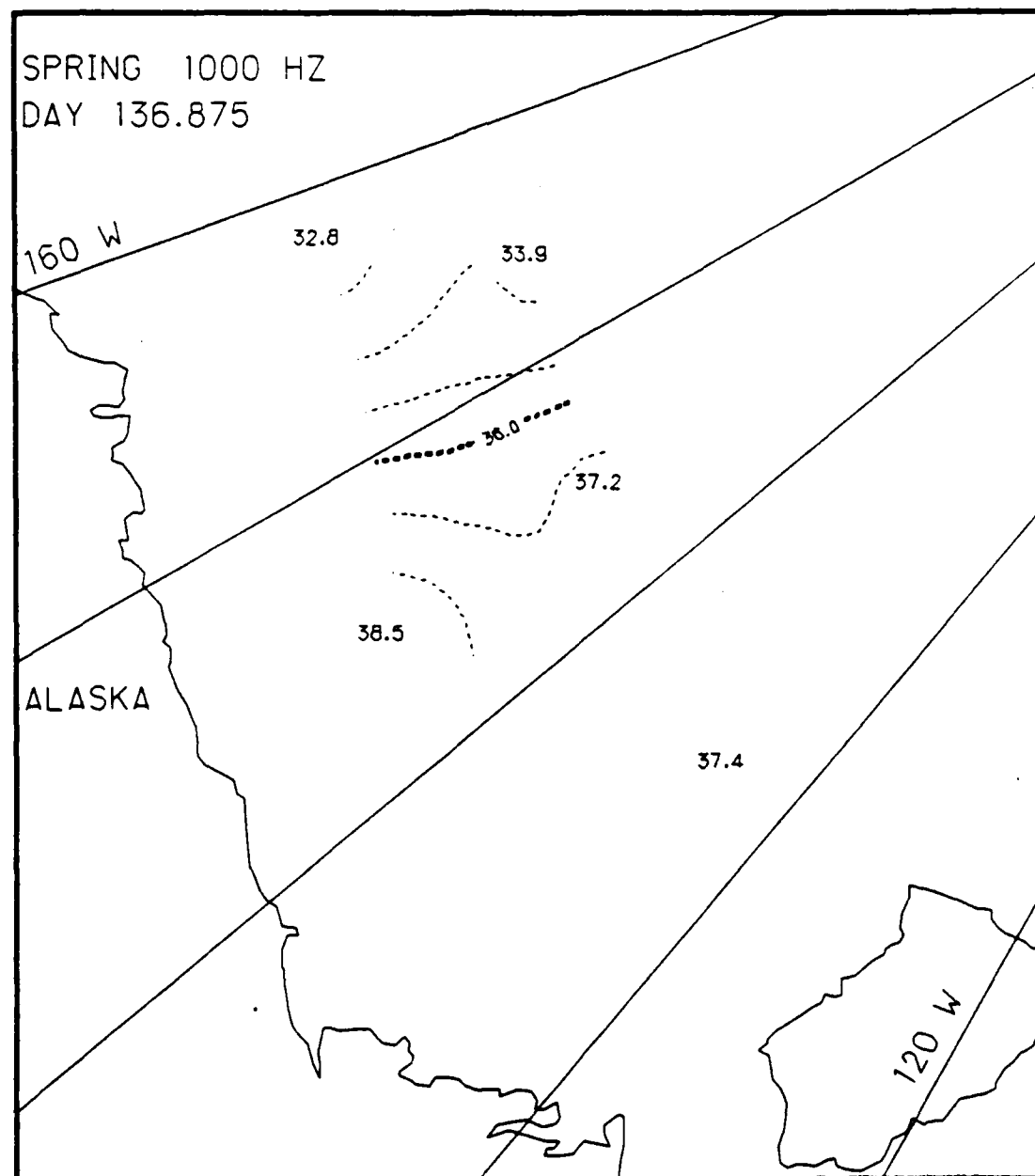


Fig. F.47. Spatial noise variations, day 136.875, based on the AIDJEX 1000 Hz noise data.

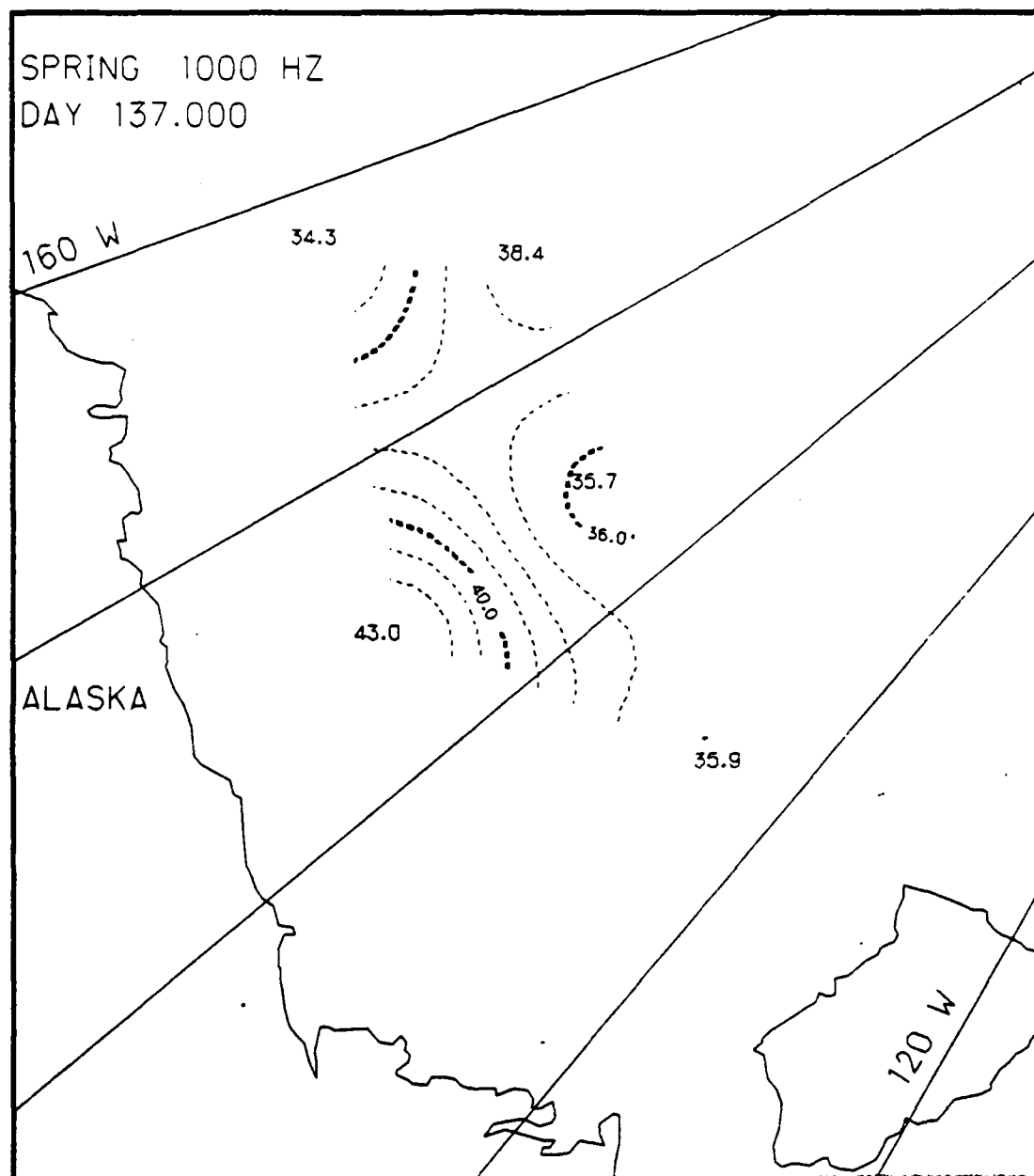


Fig. F.48. Spatial noise variations, day 137.0, based on the AIDJEX 1000 Hz noise data.

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